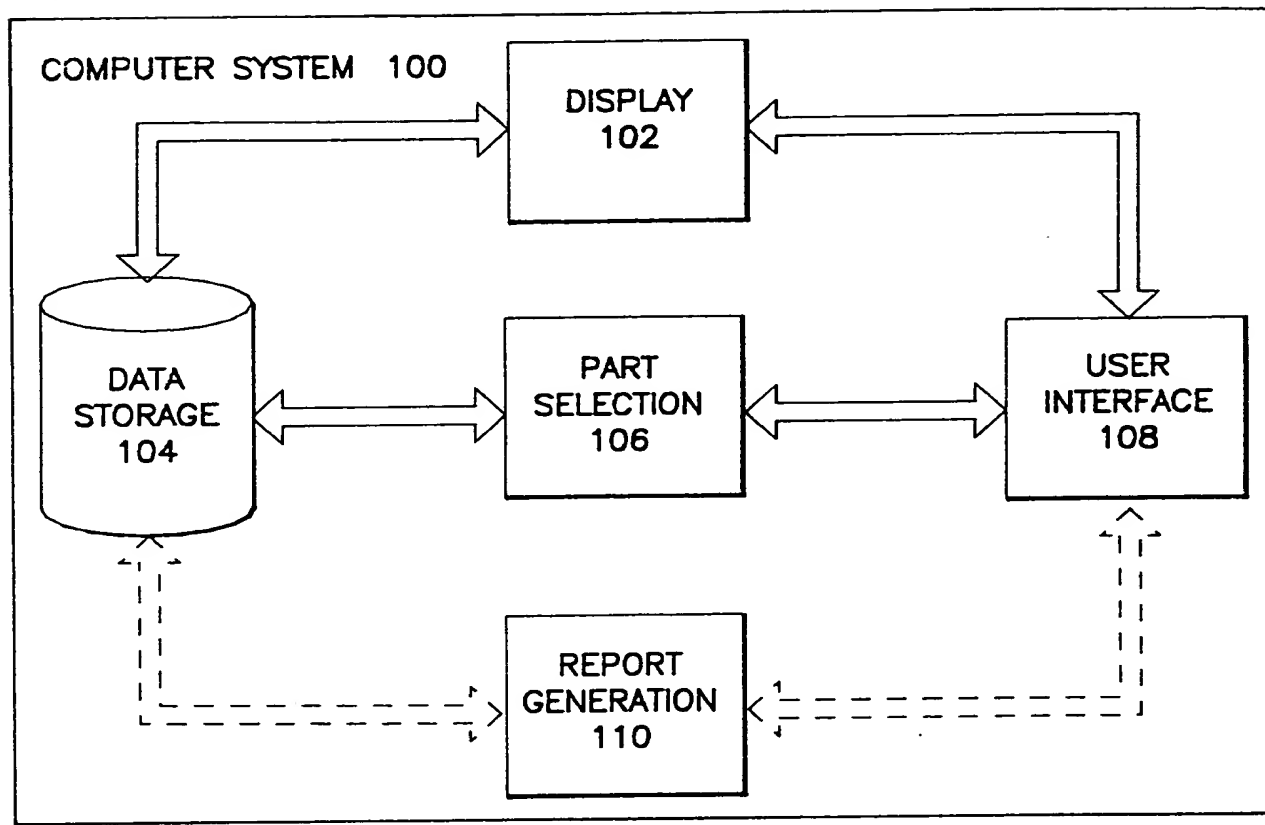


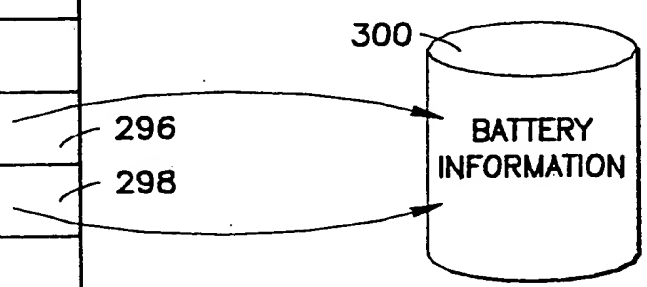
FIG. 1



APPROVED	BY	395	CLASS	395	SUBCLASS	161
			O.G. FIG. 1			

NATURAL ORDER			294
PART #			
BCI			
COLD CRANKING AMPS			
RESERVE CAP.			
VOLTAGE			
LENGTH			
WIDTH			
HEIGHT			
WARRANTY			
PRICE			

FIG. 6



134

FIG. 1A

104

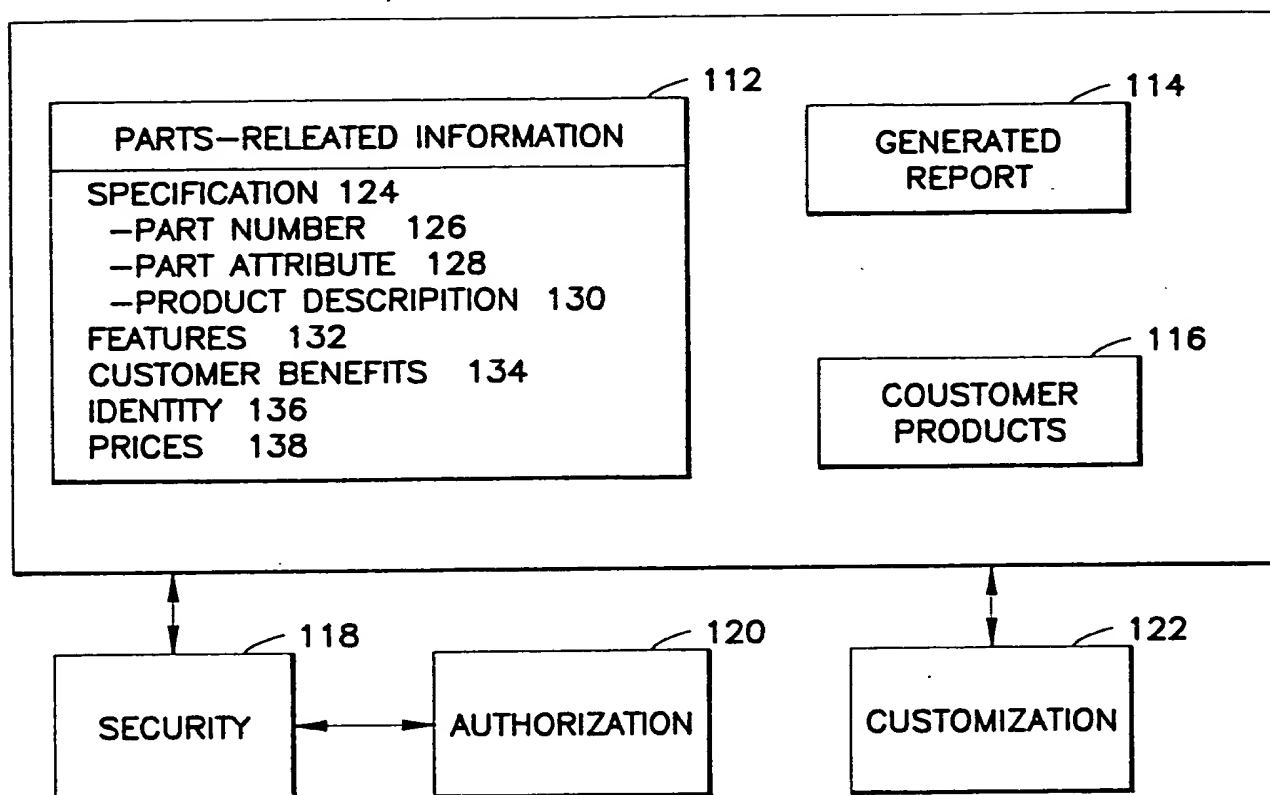


FIG. 1B

106

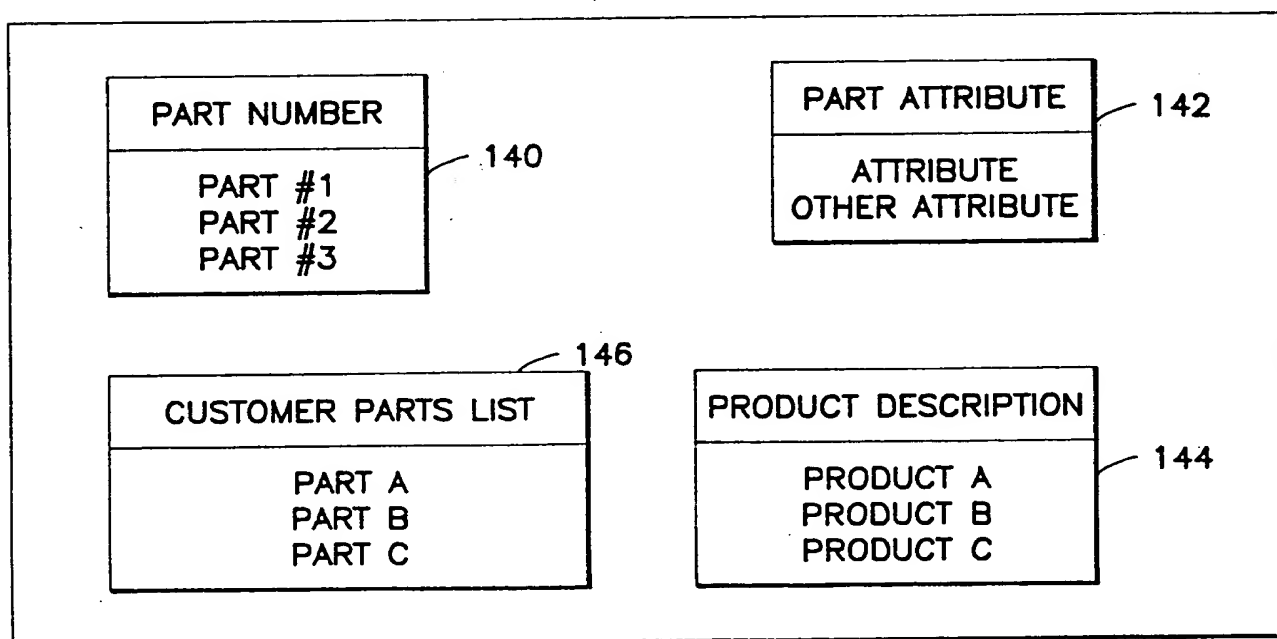


FIG. 1C

108
↓

SEQUENTIAL DISPLAY GENERATION	148
- COLOR SEQUENCE GENERATION	150
- CUSTOMIZED TEXT DISPLAY GENERATION	152
- CUSTOMIZED SEQUENCE GENERATION	154
ANIMATED DEMONSTRATION GENERATION	156

FIG. 1D

110
↓

DEALER PERSONALIZATION	157
CUSTOMER PERSONALIZATION	158
RETRIEVE STORED REPORT	160
UPDATE REPORT	162
PRINTED GRAPHICS GENERATION	164
PRINTED COLOR GENERATION	166

O.G. FIG.	SUBCLASS	
	CLASS	
APPROVED BY	DRAWING	

FIG. 2

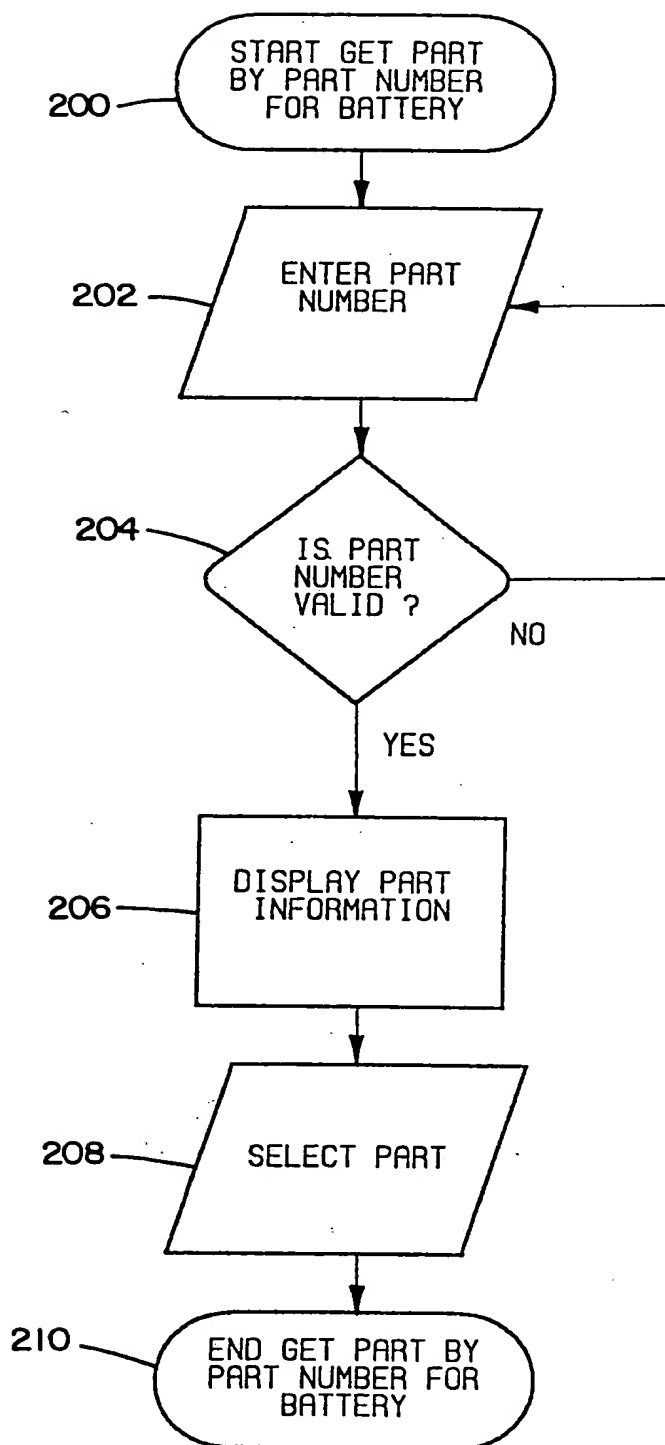
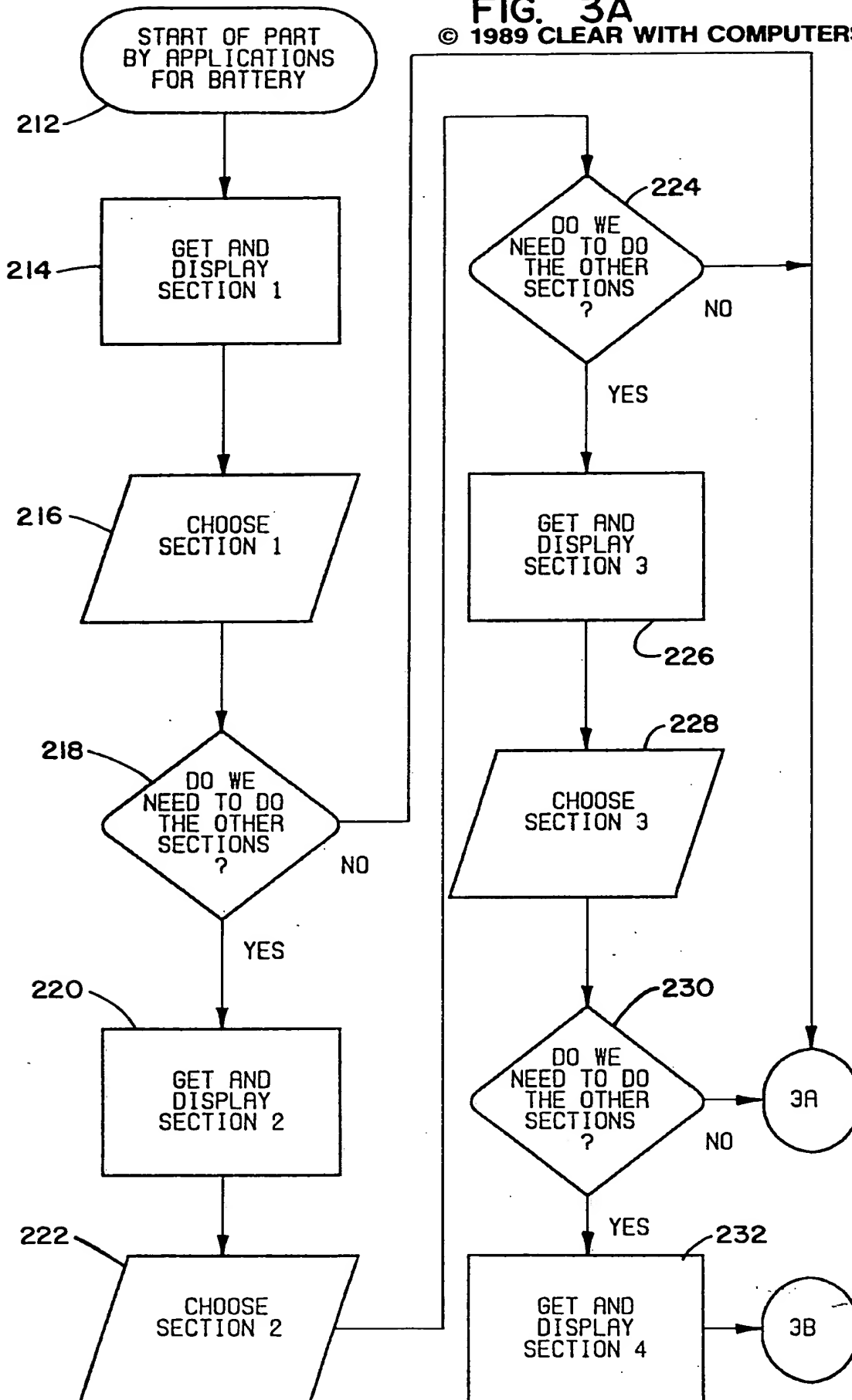


FIG. 3A
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O.G. FIG.	SUBCLASS
APPROVED BY	CLASS
	DATE

FIG. 3B

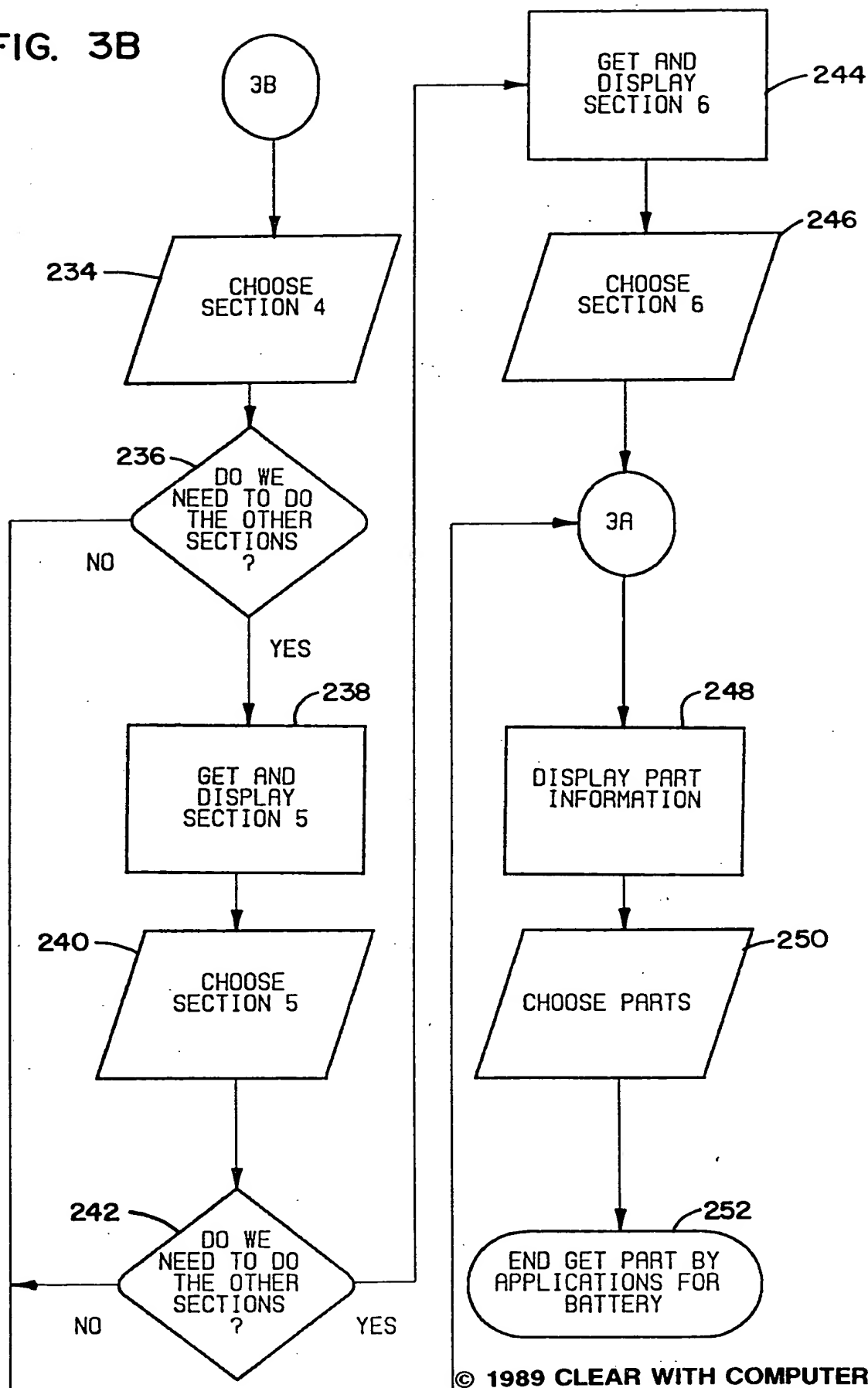


FIG. 4

O.C. FIG.		SUBCLASS	
APPROVED BY		CLASS	
DATE		SIGNATURE	

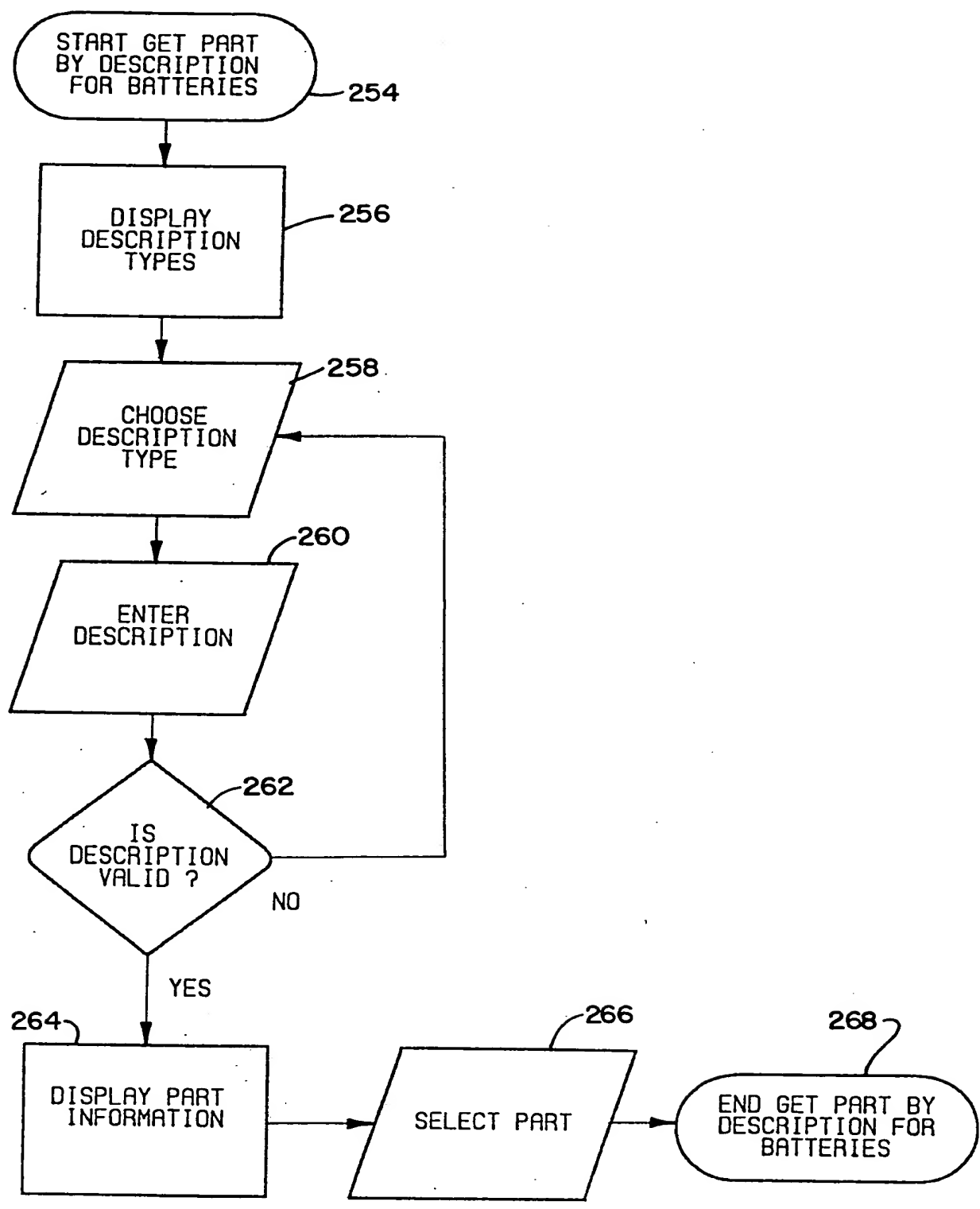


FIG. 5

APPROVED		O. G. FIG.	
BY		CLASS	SURCLASS
T. RAFTSMAN			

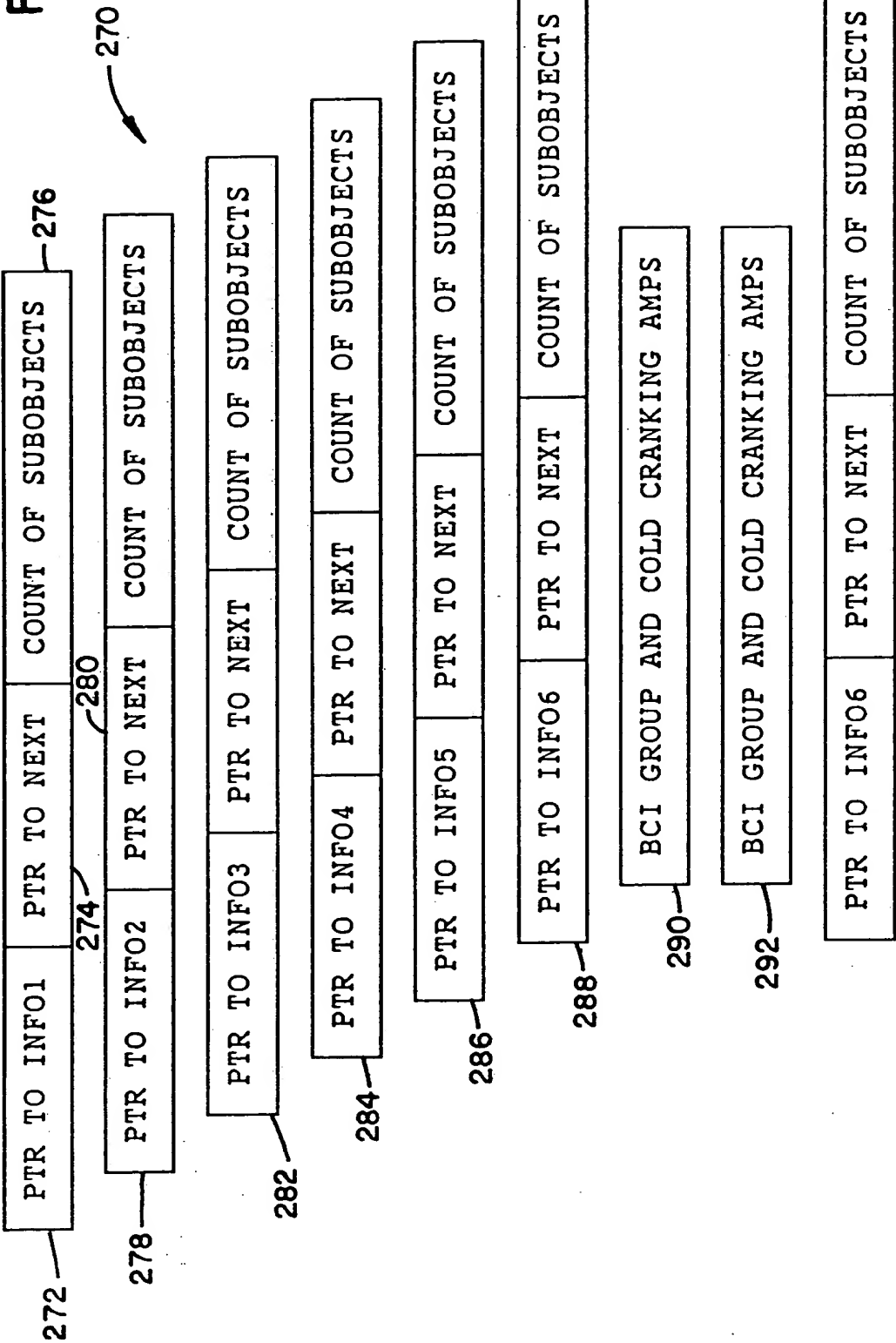


FIG. 7

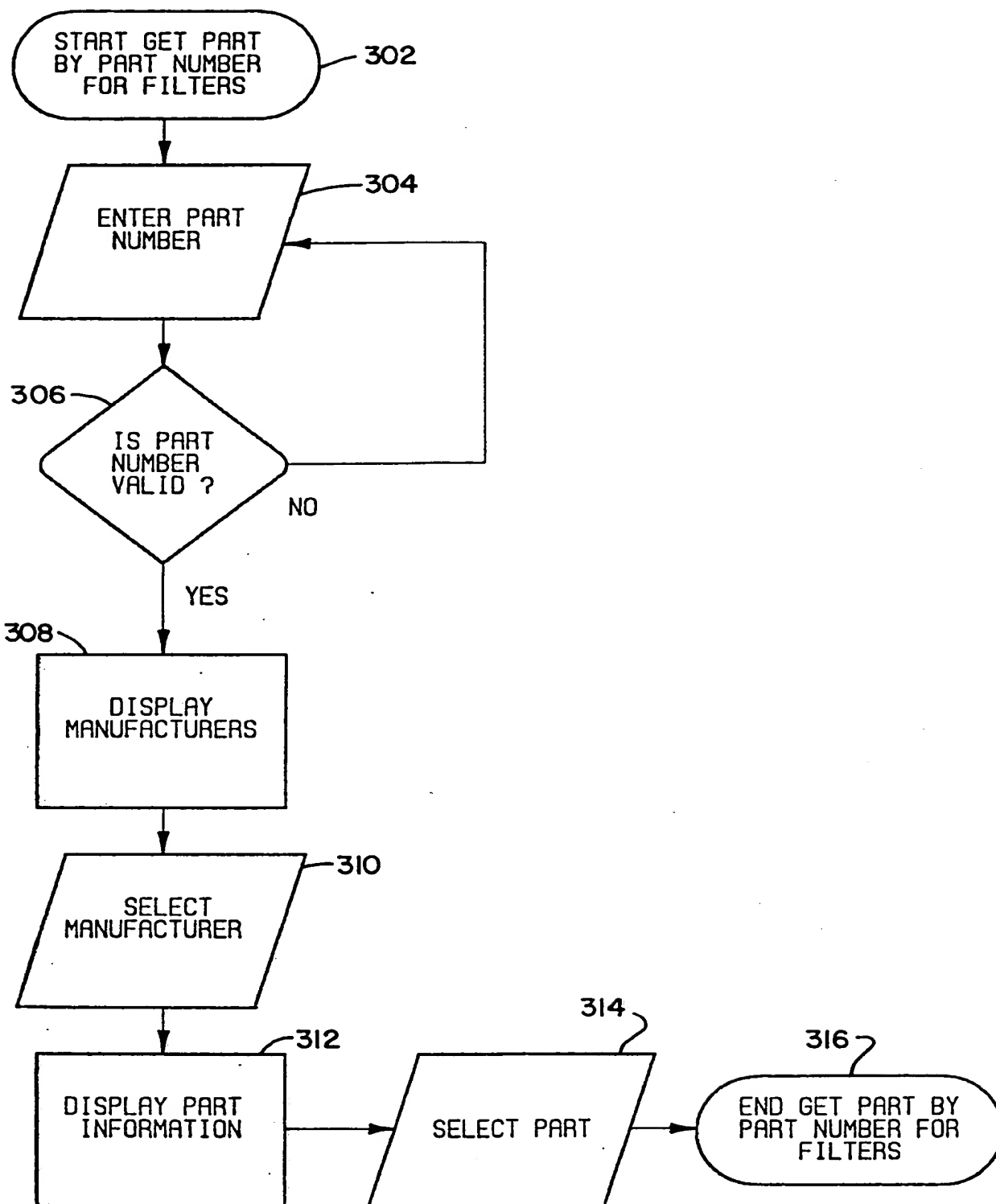
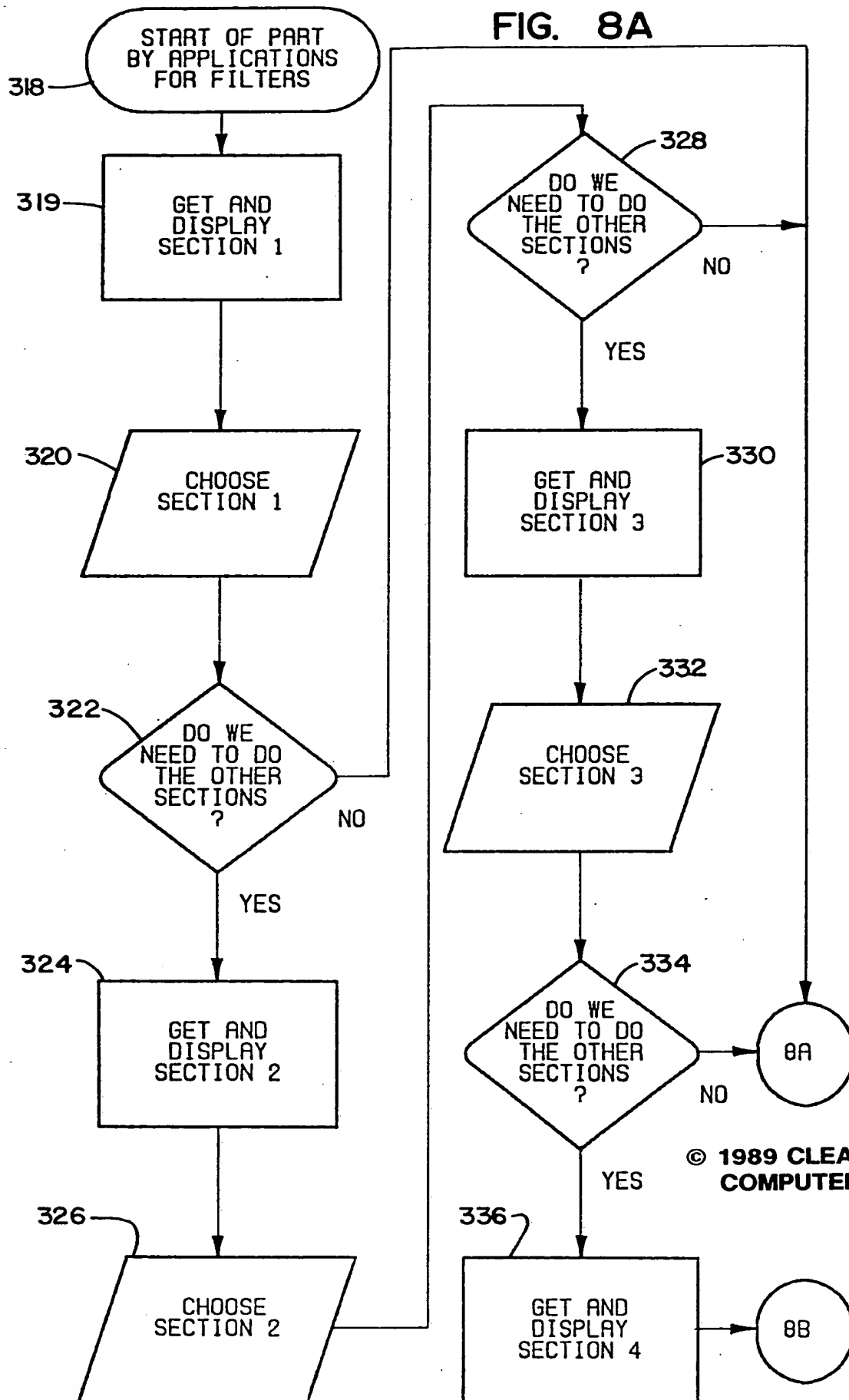
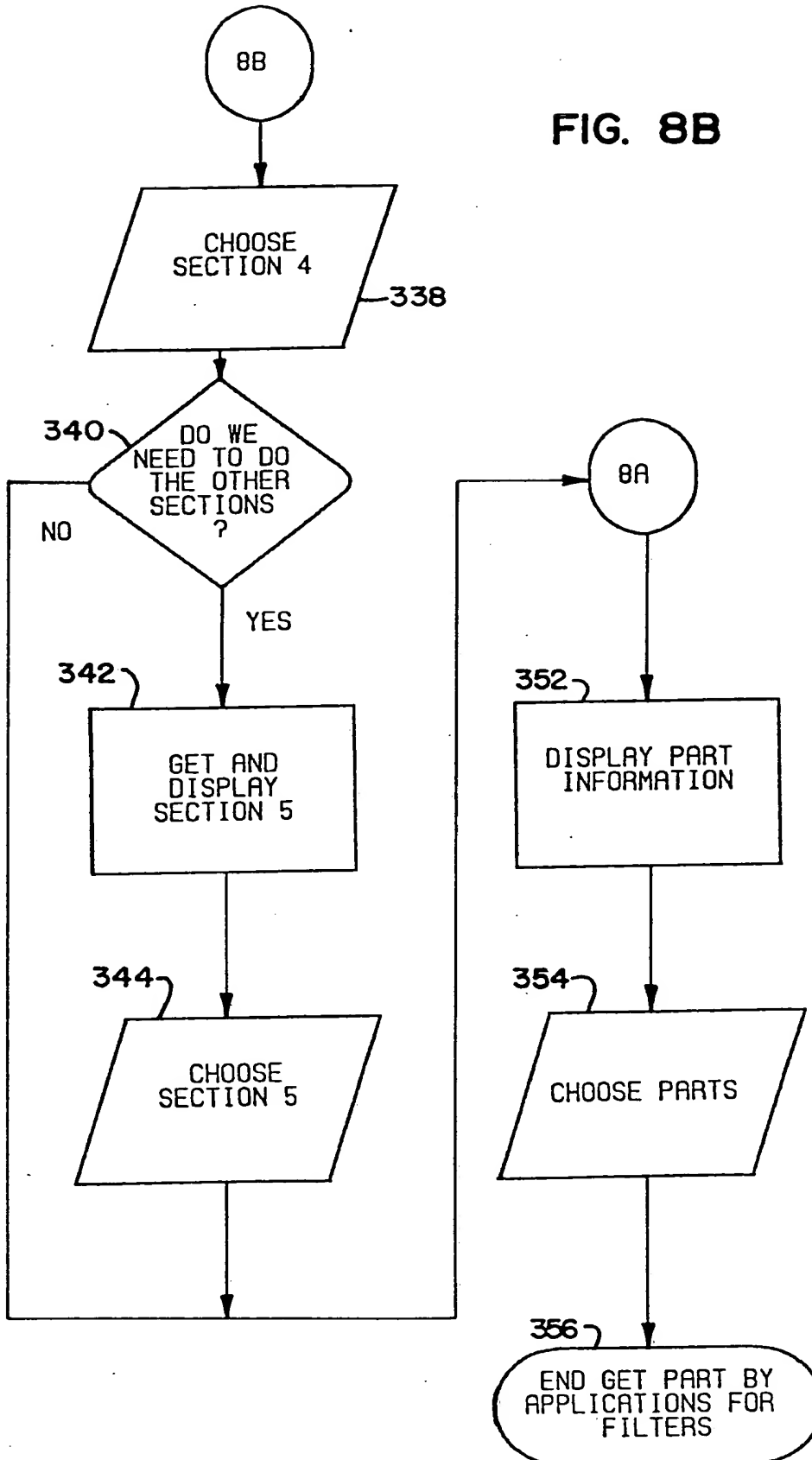


FIG. 8A

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COMPUTERS, INC.

D. G. FIG.	SUBCLASS
APPROVED BY	CLASS
	DATE

FIG. 8B



APPROVED		O.G. FIG.	
BY		CLASS	SUBCLASS
DRAF (SHAN)			

FIG. 9

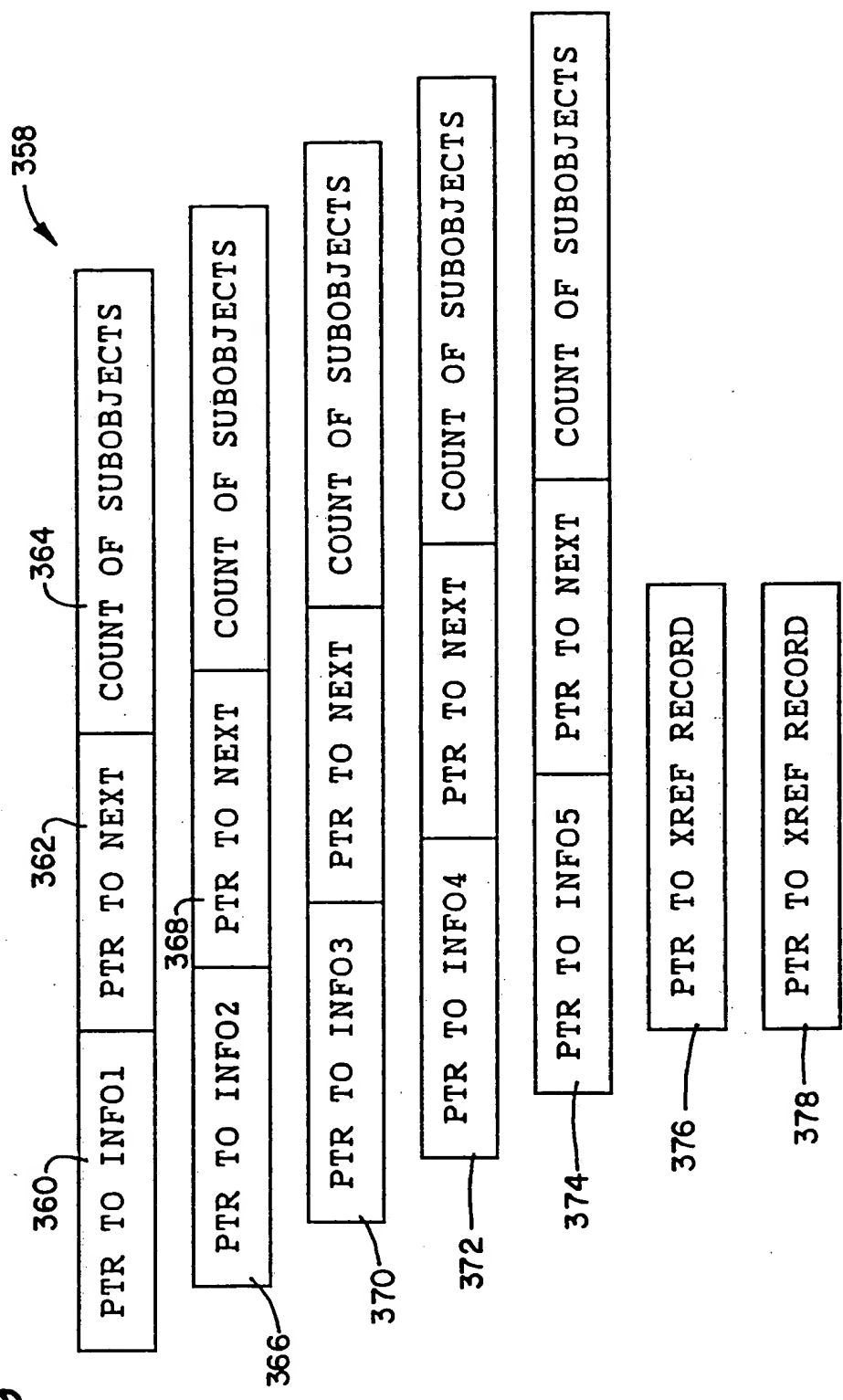


FIG. 10

O.G. FIG.		SUBCLASS
APPROVED	BY	CLASS
		DATE

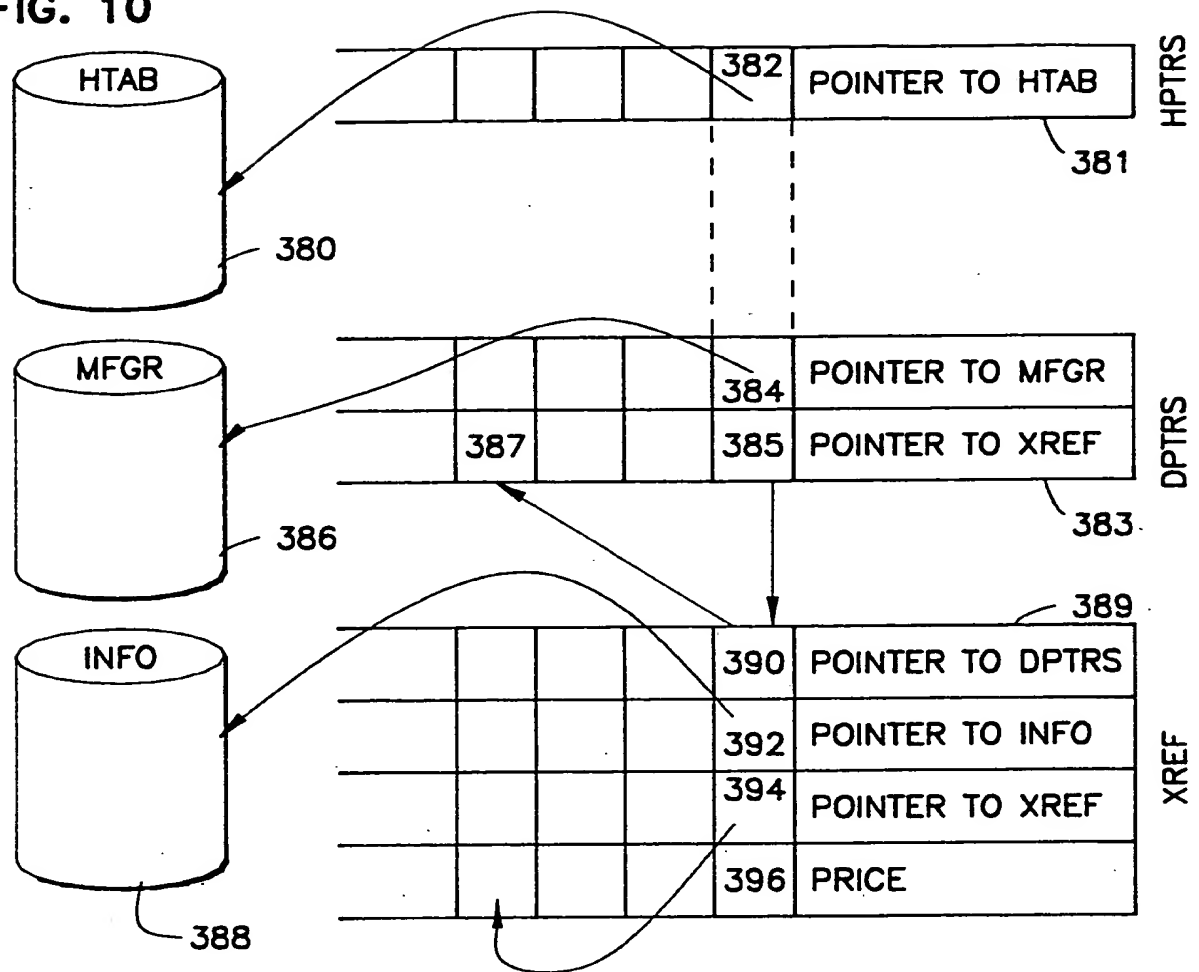


FIG. 14

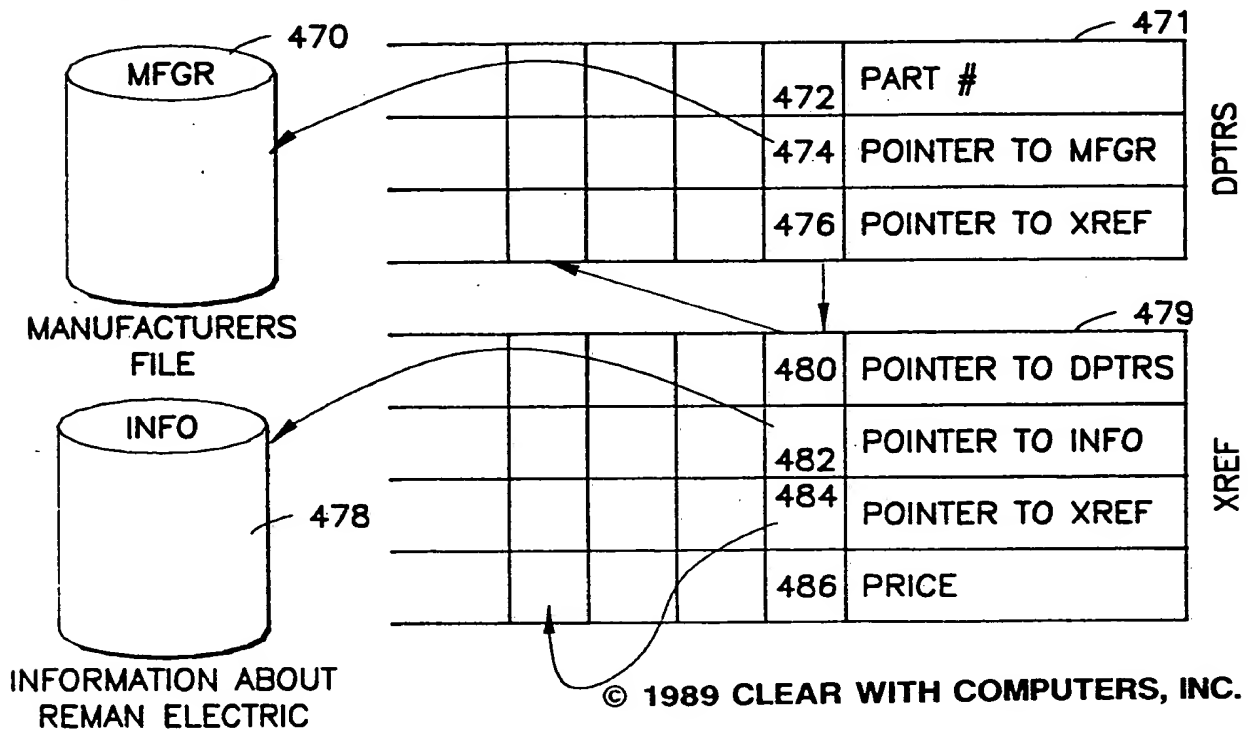


FIG. 11

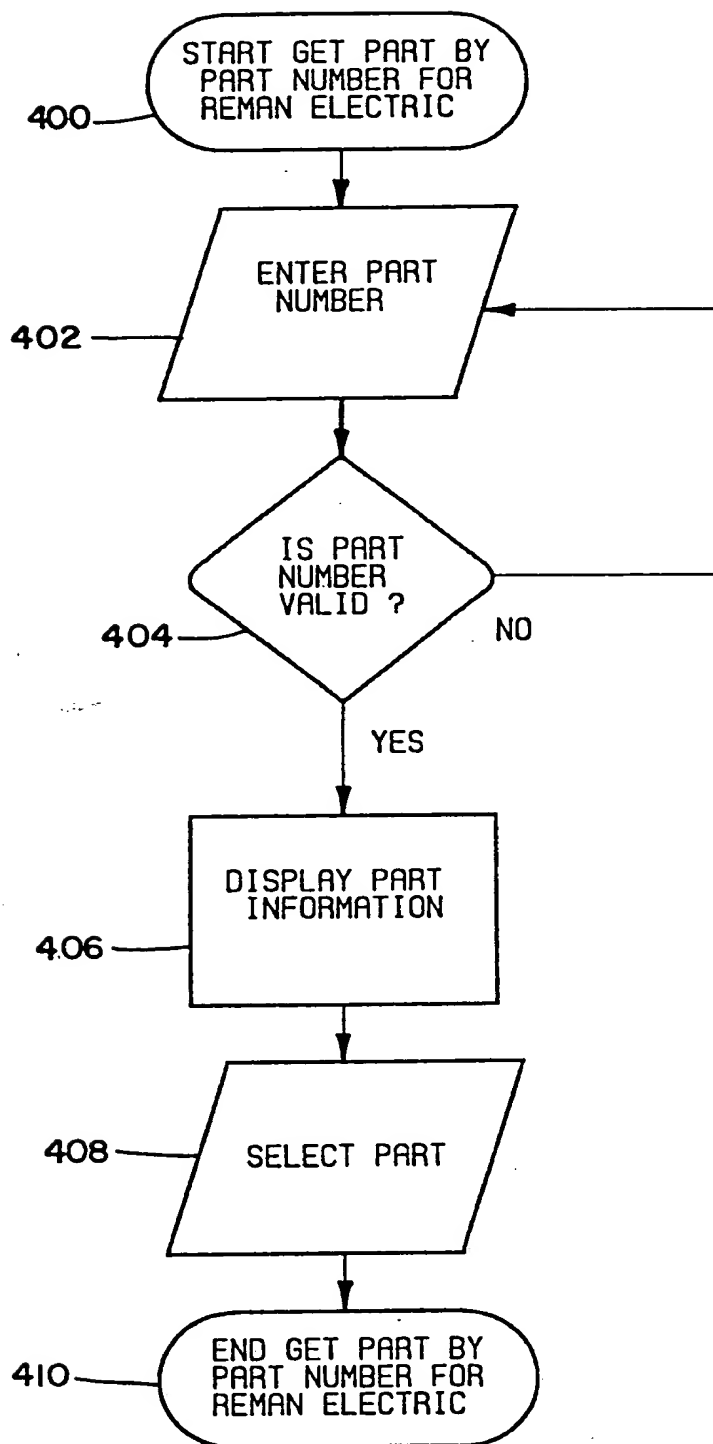
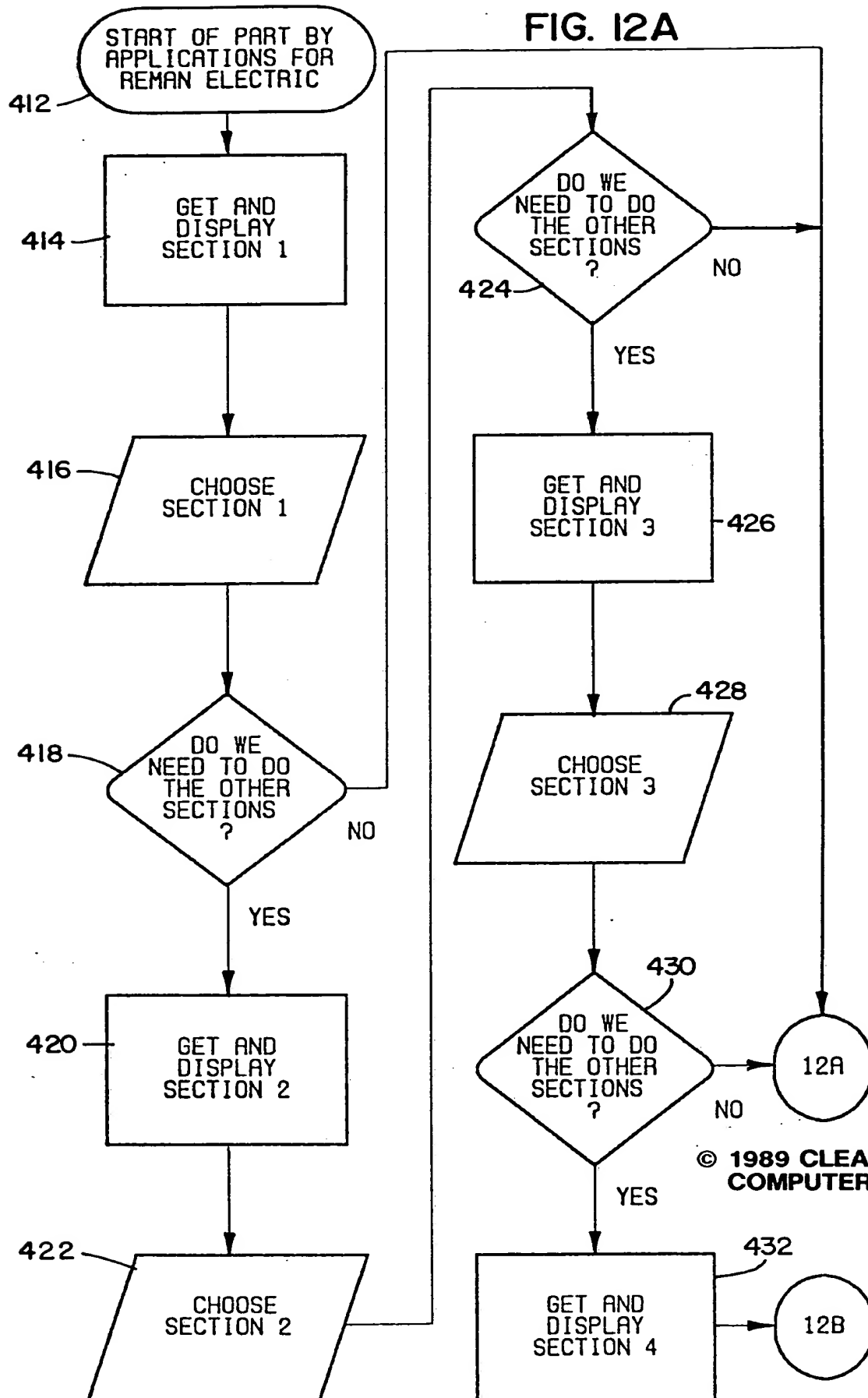


FIG. 12A



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O. G. FIG.	SUBCLASS
APPROVED BY	CLASS
DATE	REVISION

FIG. 12B

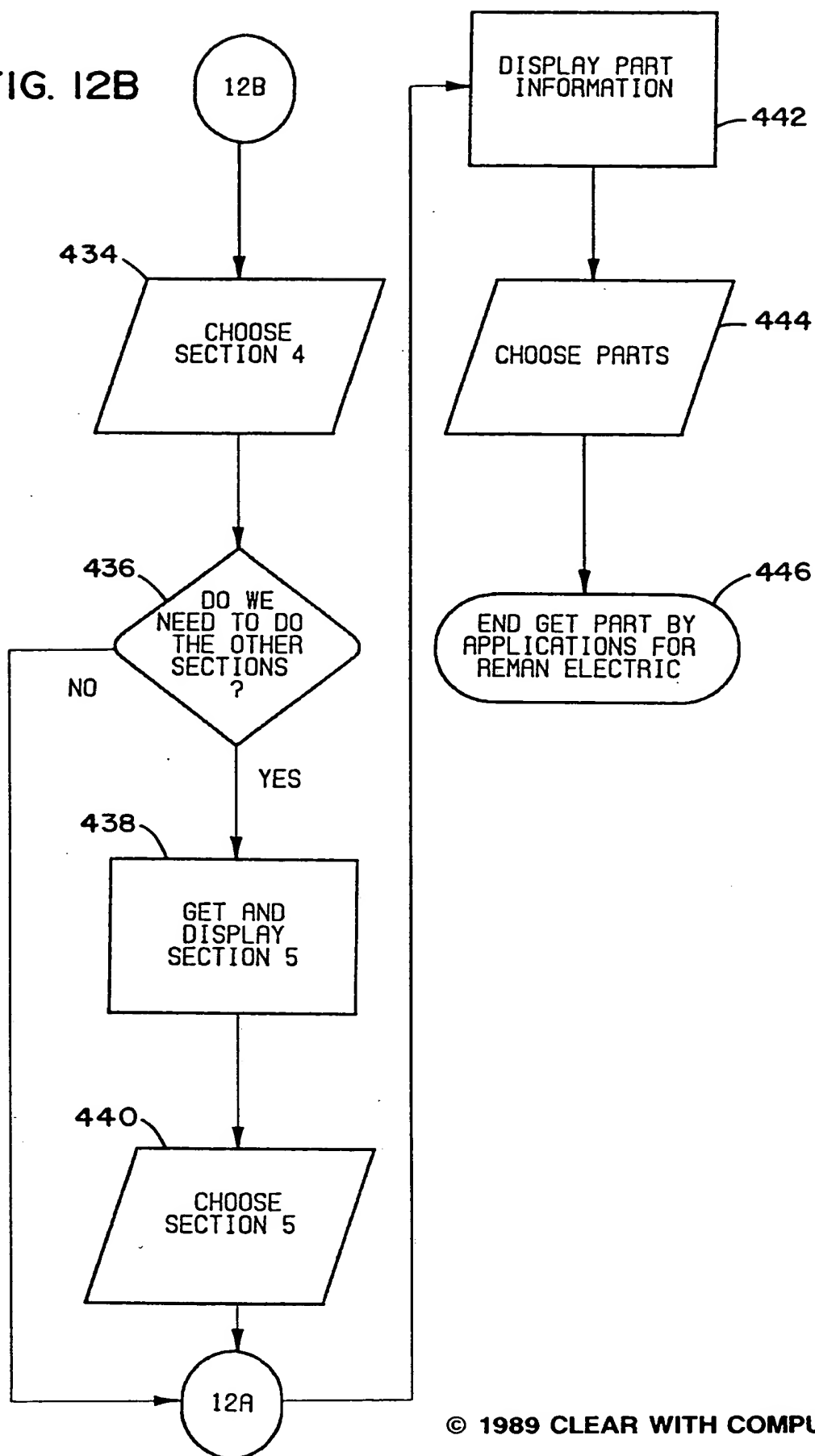
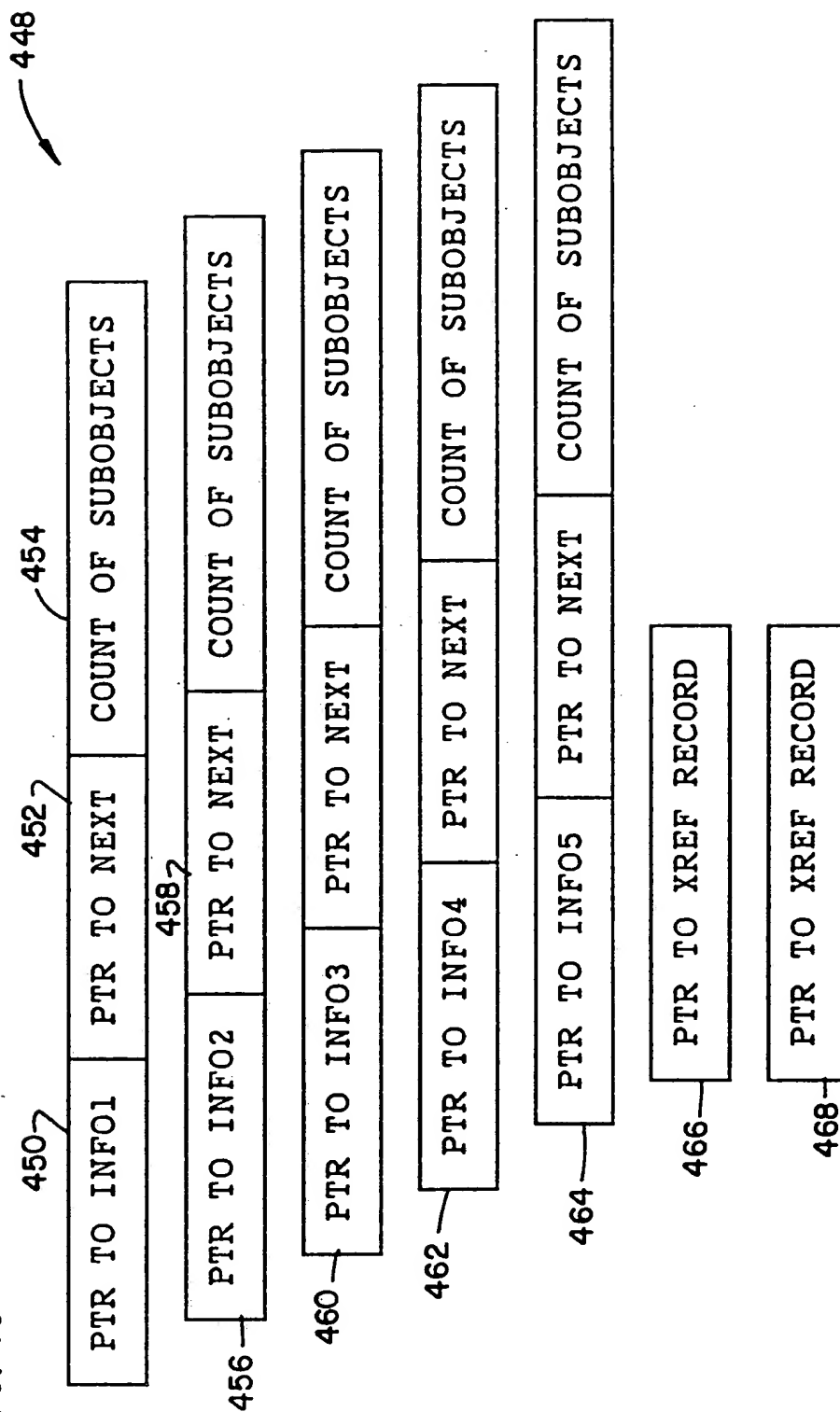
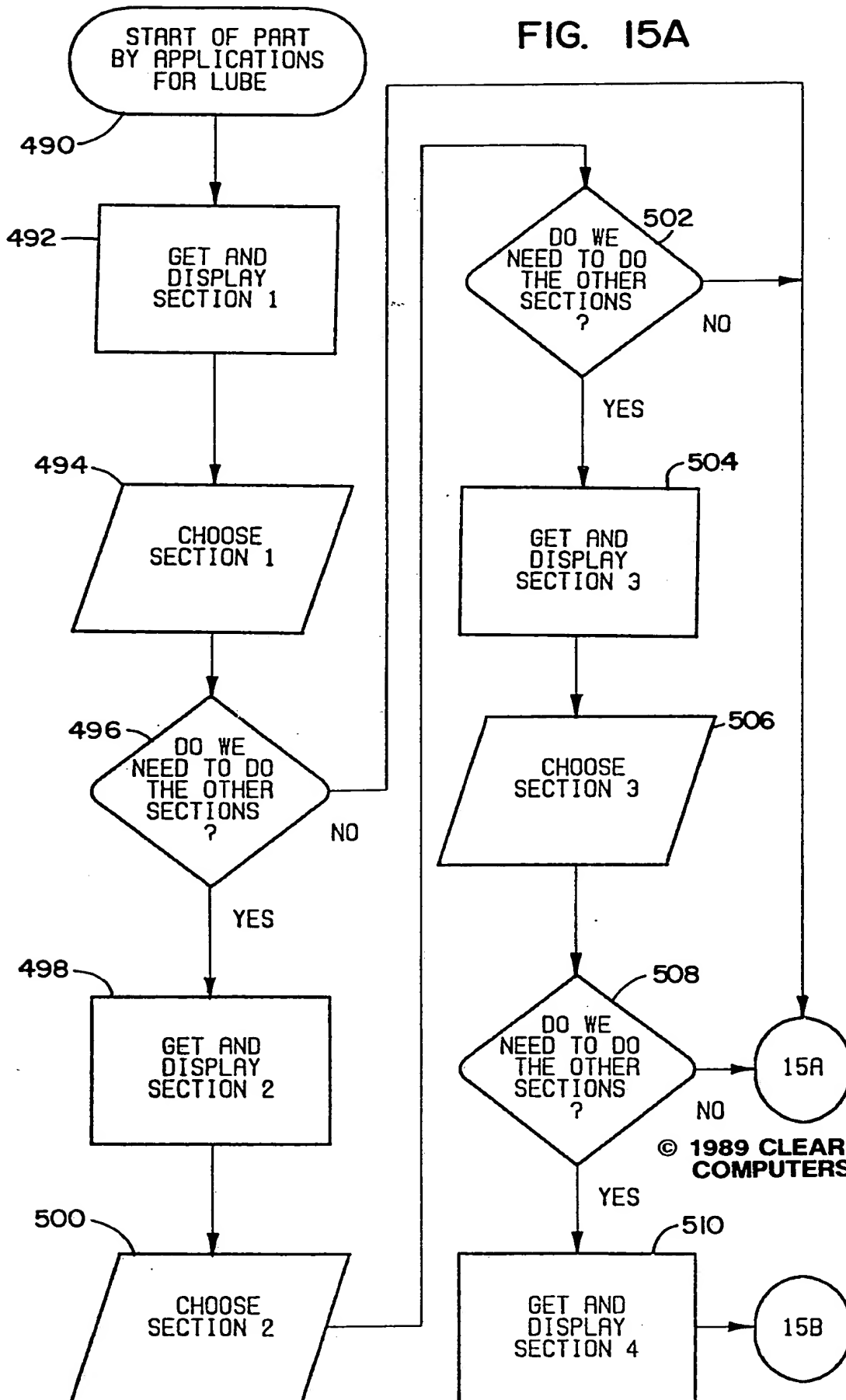


FIG. 13



APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
FOR AF ISMAN		

FIG. 15A

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O. G. FIG.	SUBCLASS
APPROVED BY	CLASS
BY	DRAF TSMAN

APPROVED BY URAF TSMAN	O. G. FIG.	SUBCLASS
	CLASS	

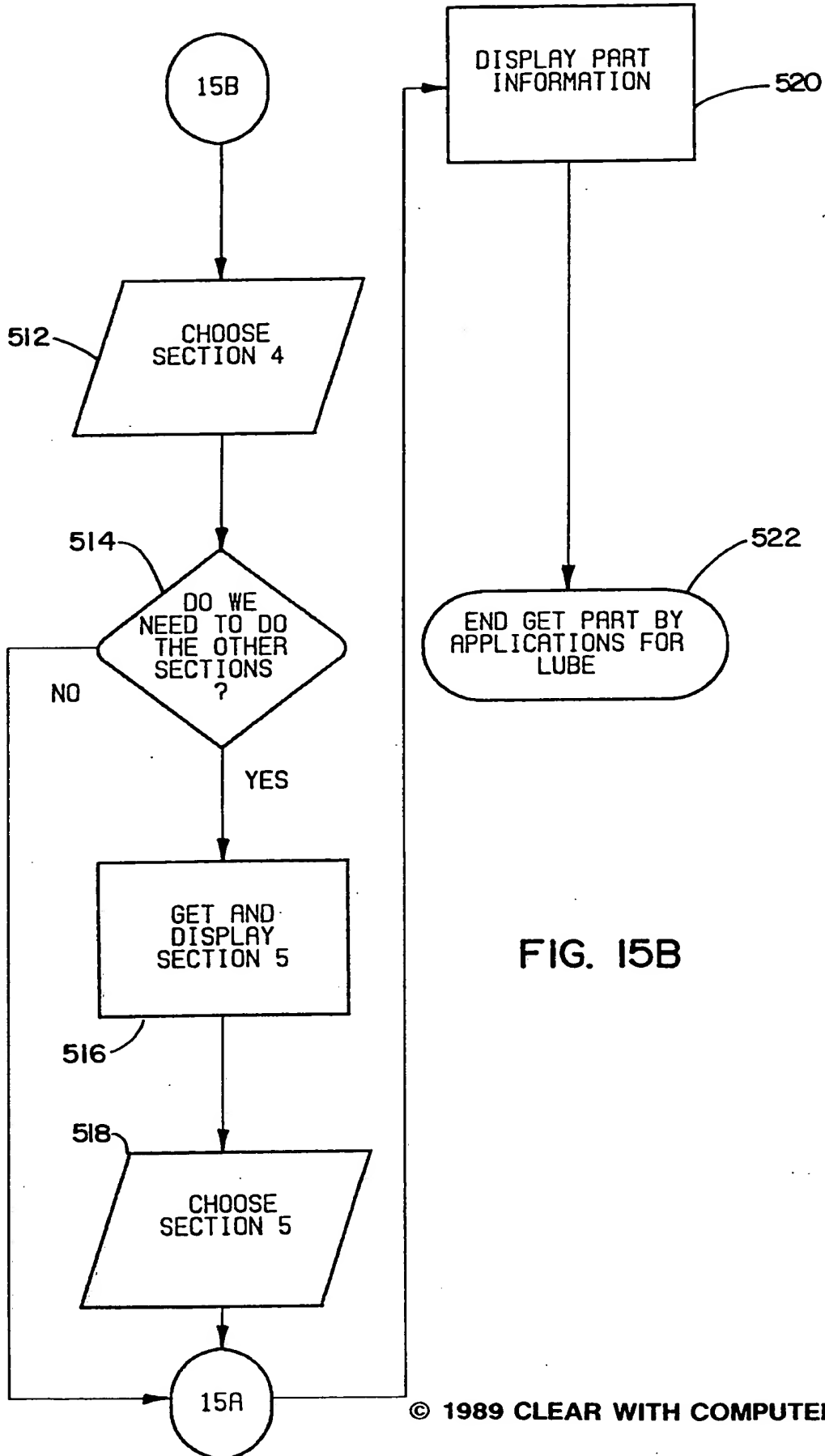


FIG. 15B

FIG. 16

O.G. FIG.	SUBCLASS	
	CLASS	
APPROVED BY	DRAF TSMAN	

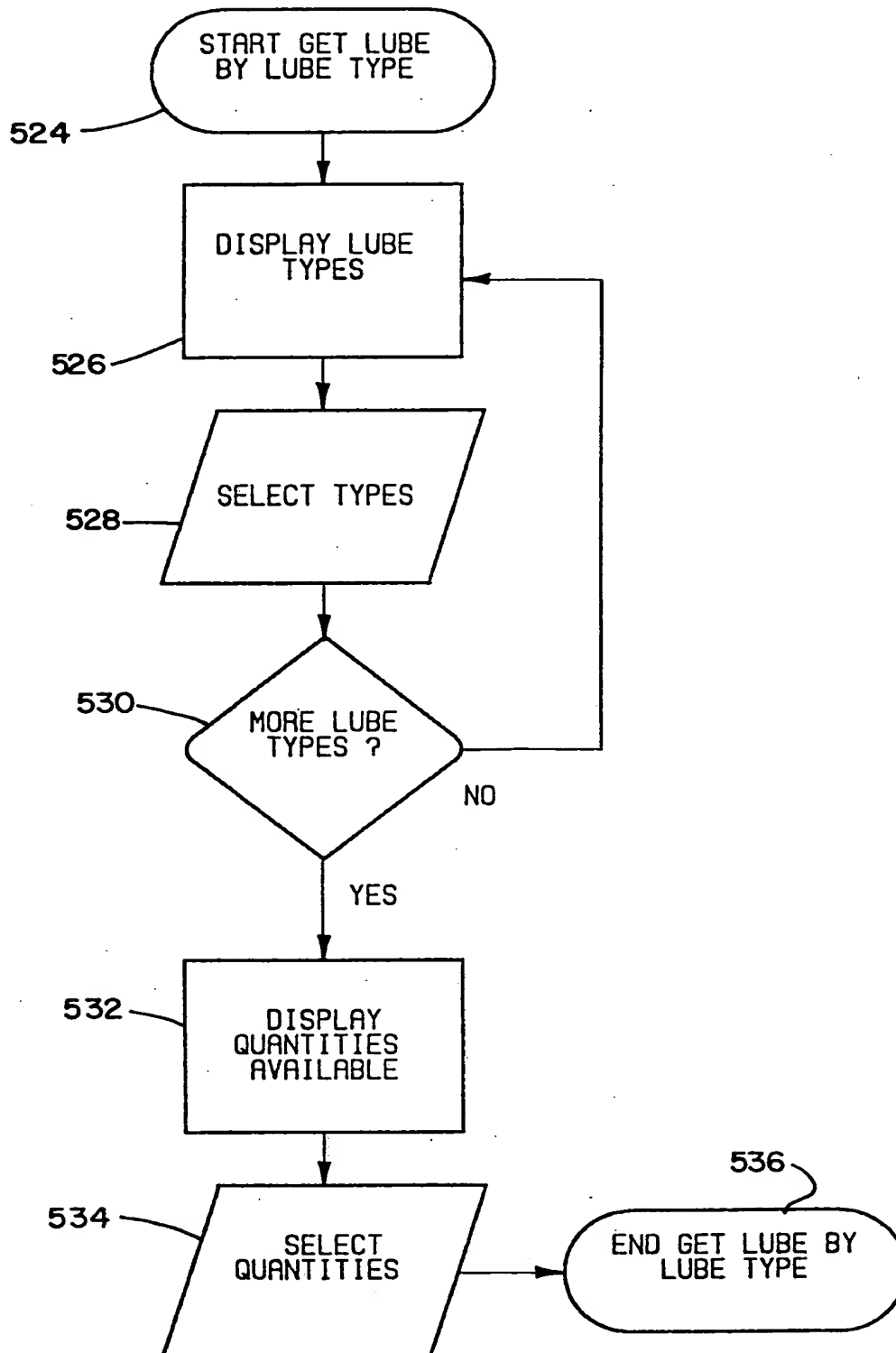


FIG. 17

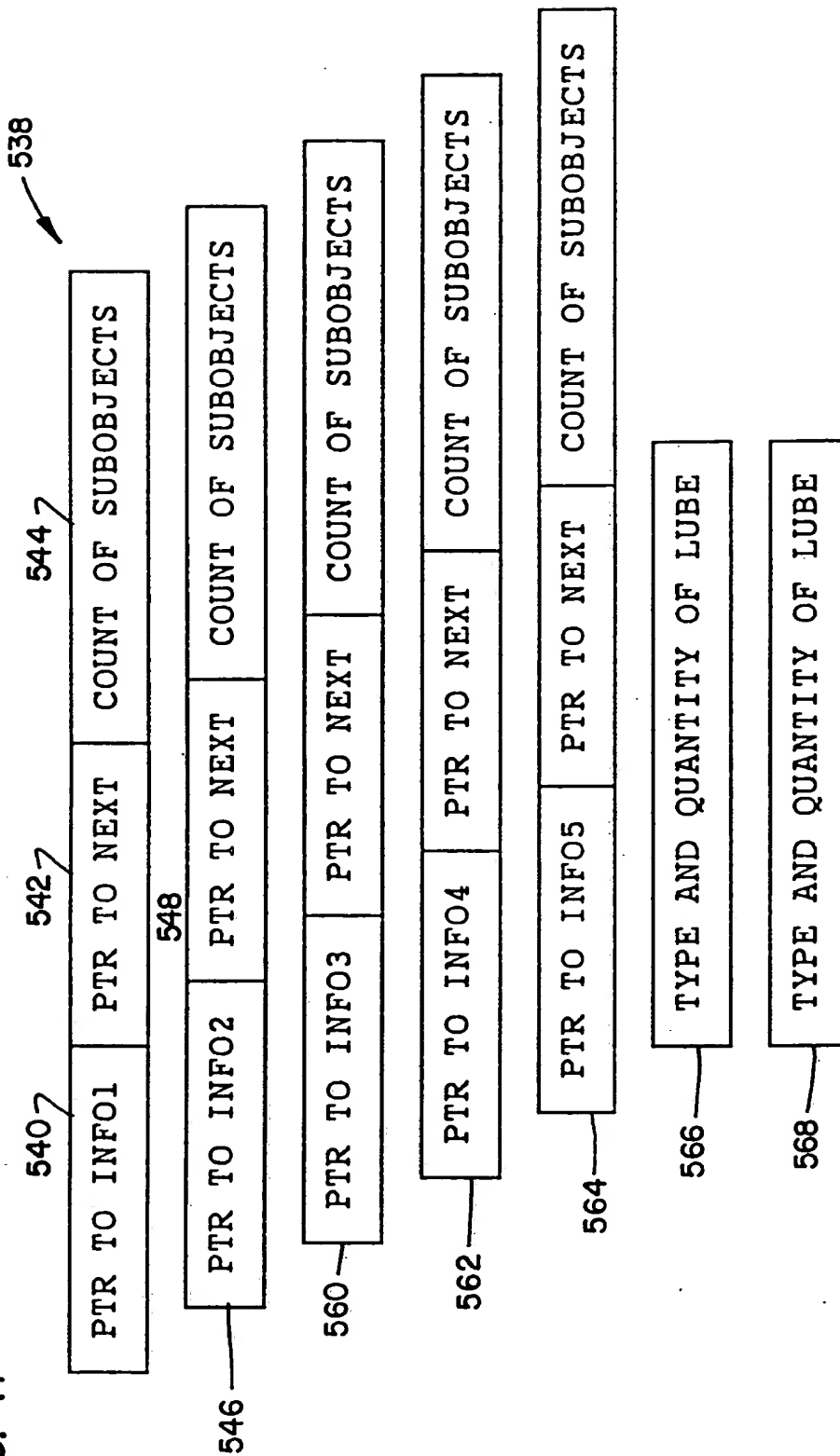
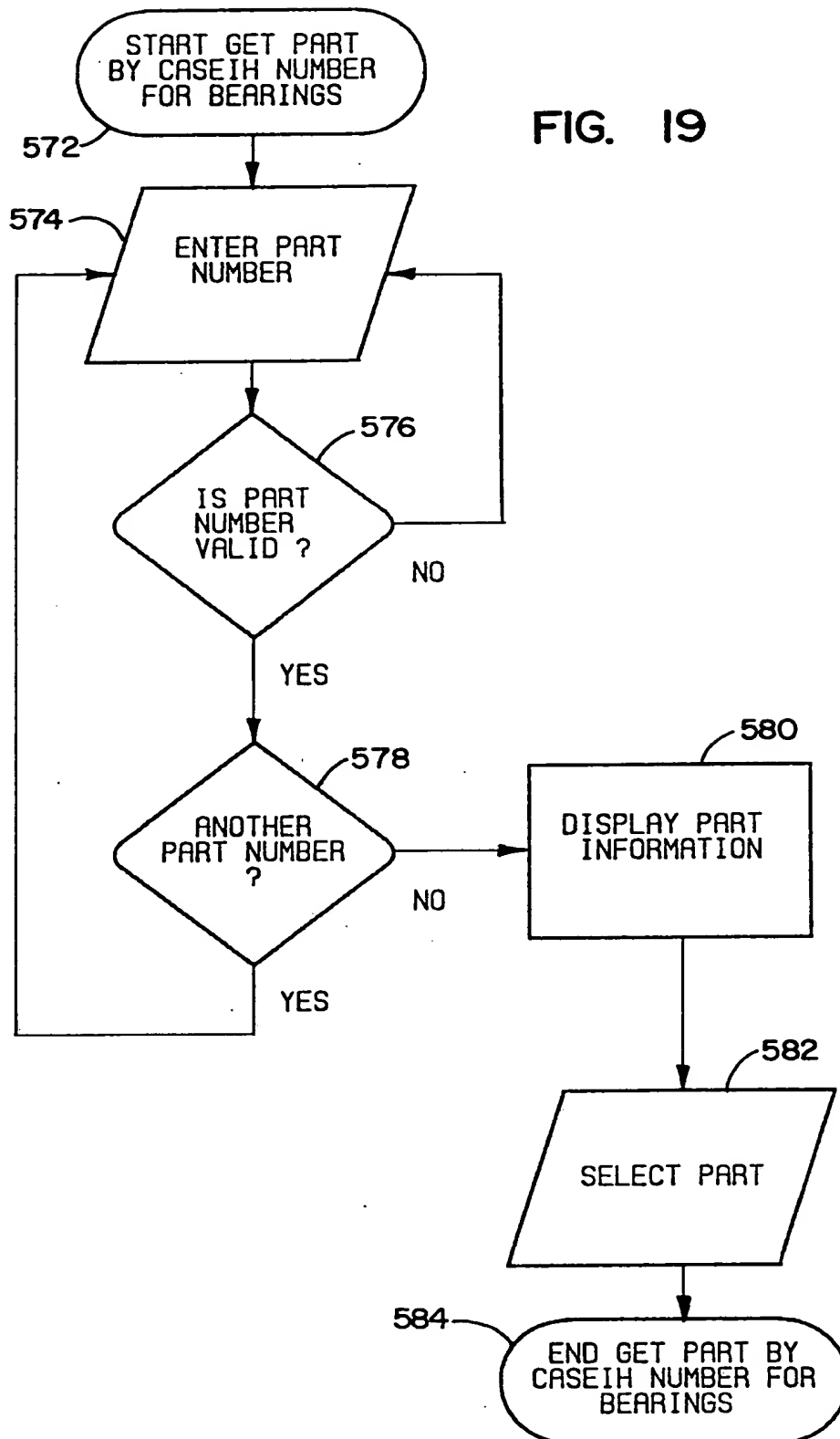
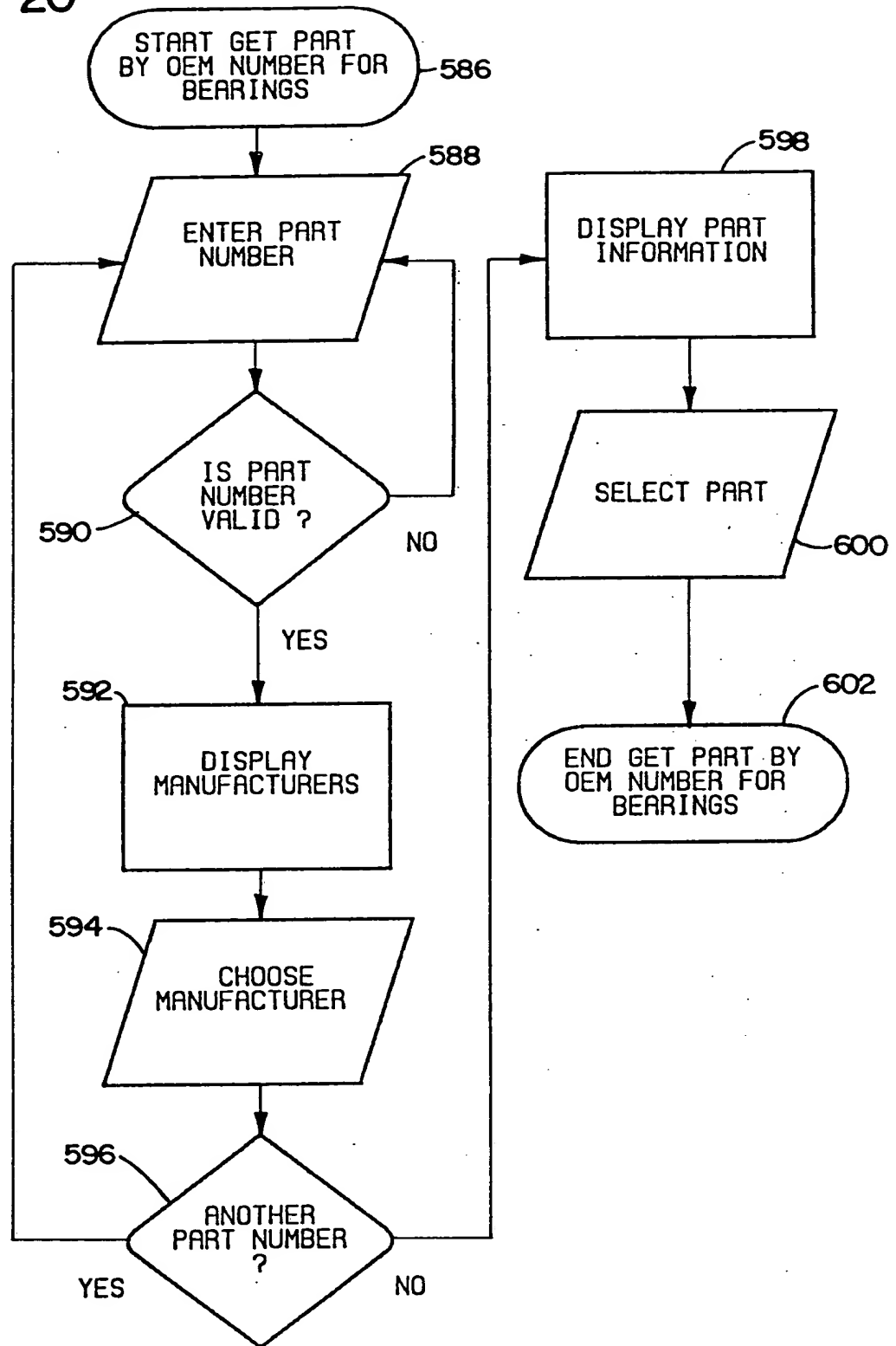


FIG. 19



O. G. FIG.		SUBCLASS	
CLASS			
APPROVED	BY	CRAFTSMAN	

FIG. 20



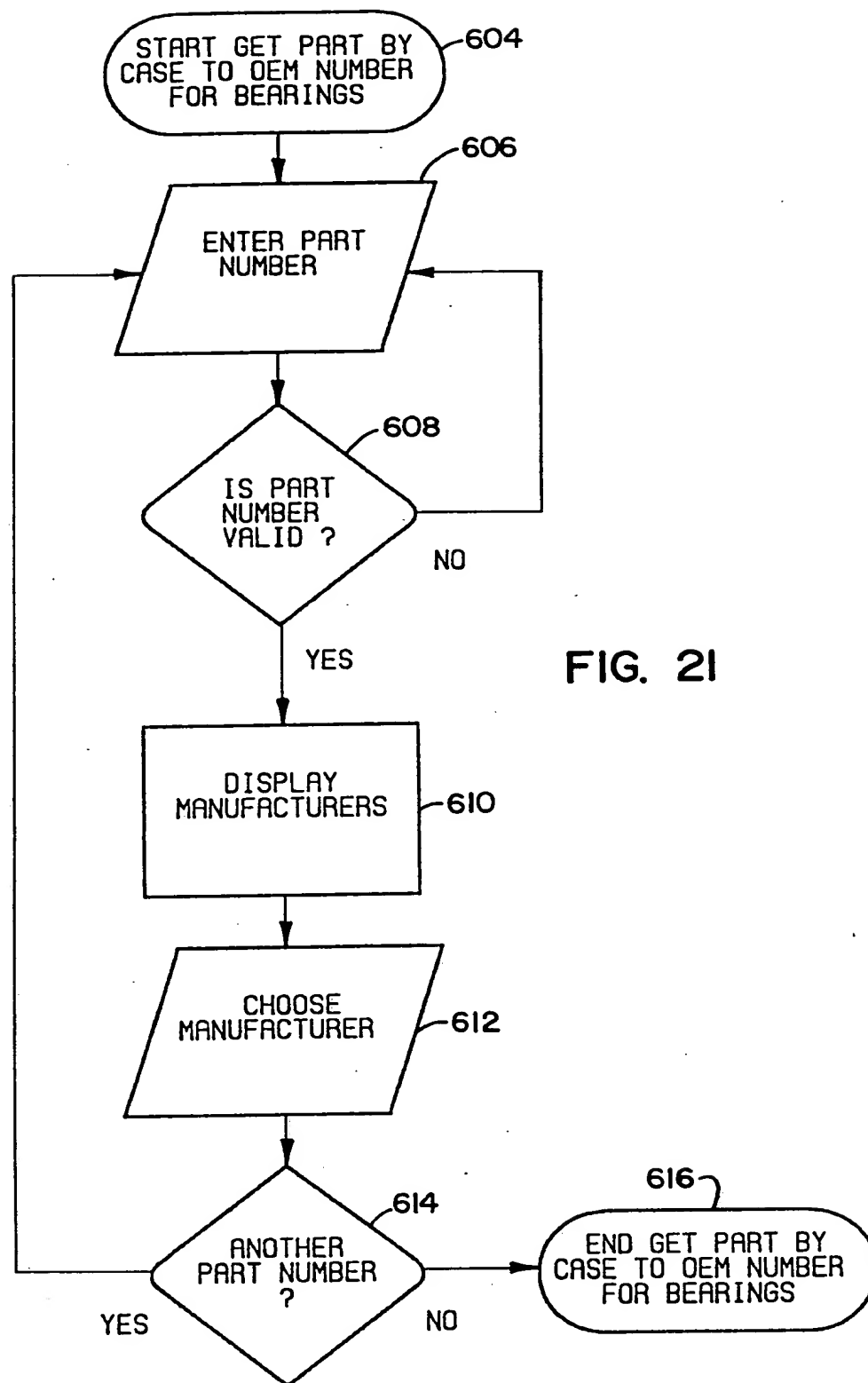


FIG. 21

FIG. 22

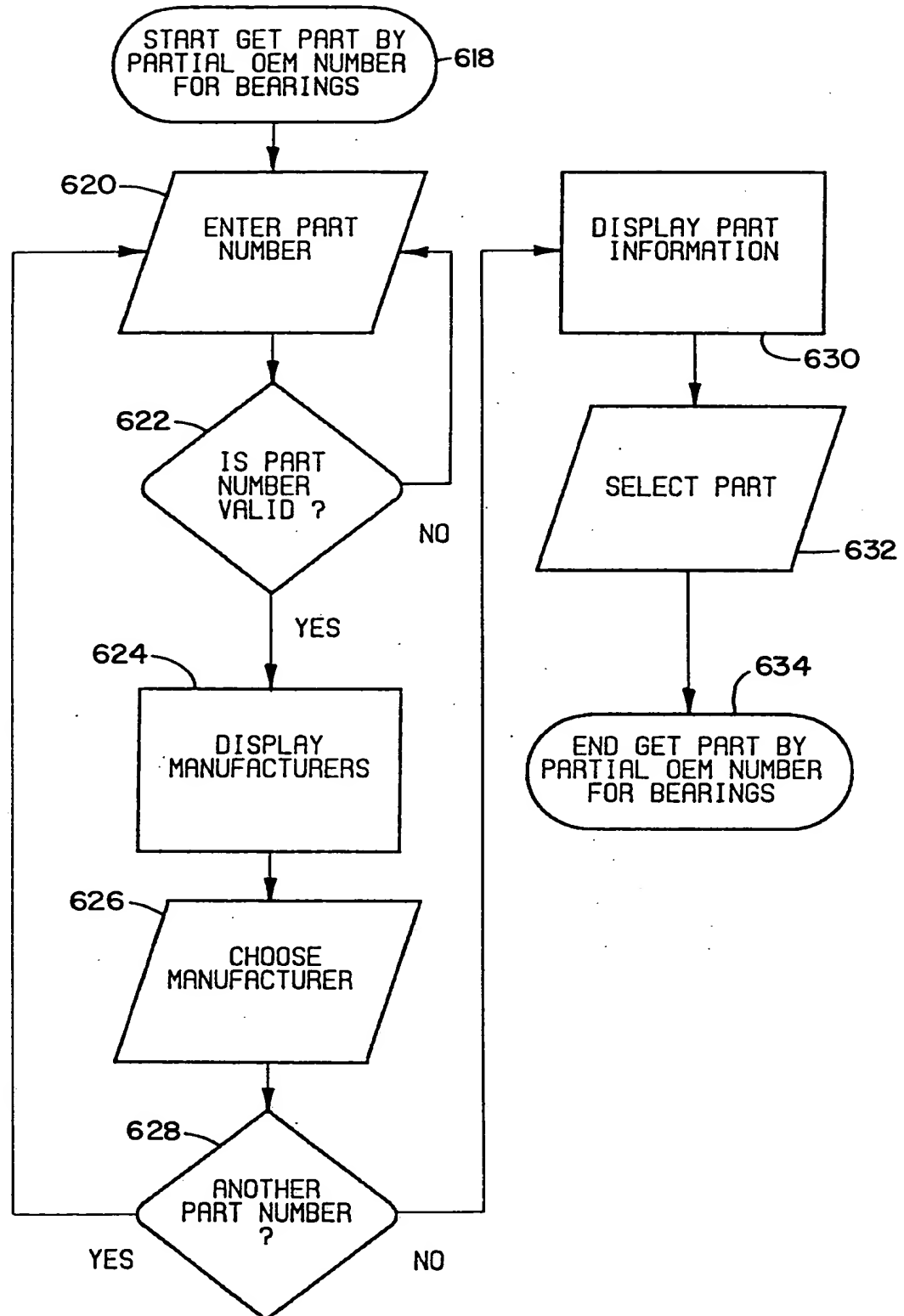


FIG. 23

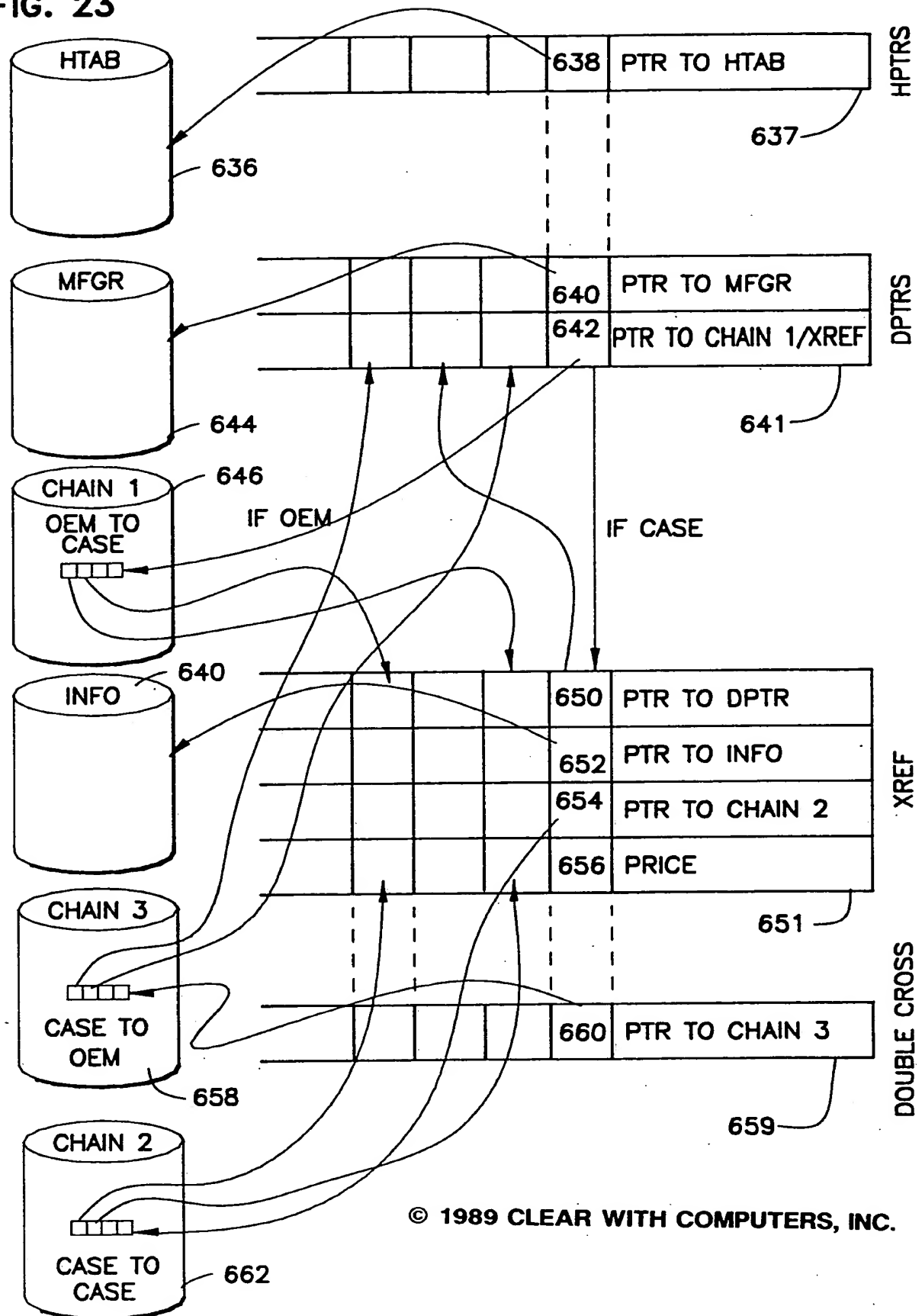
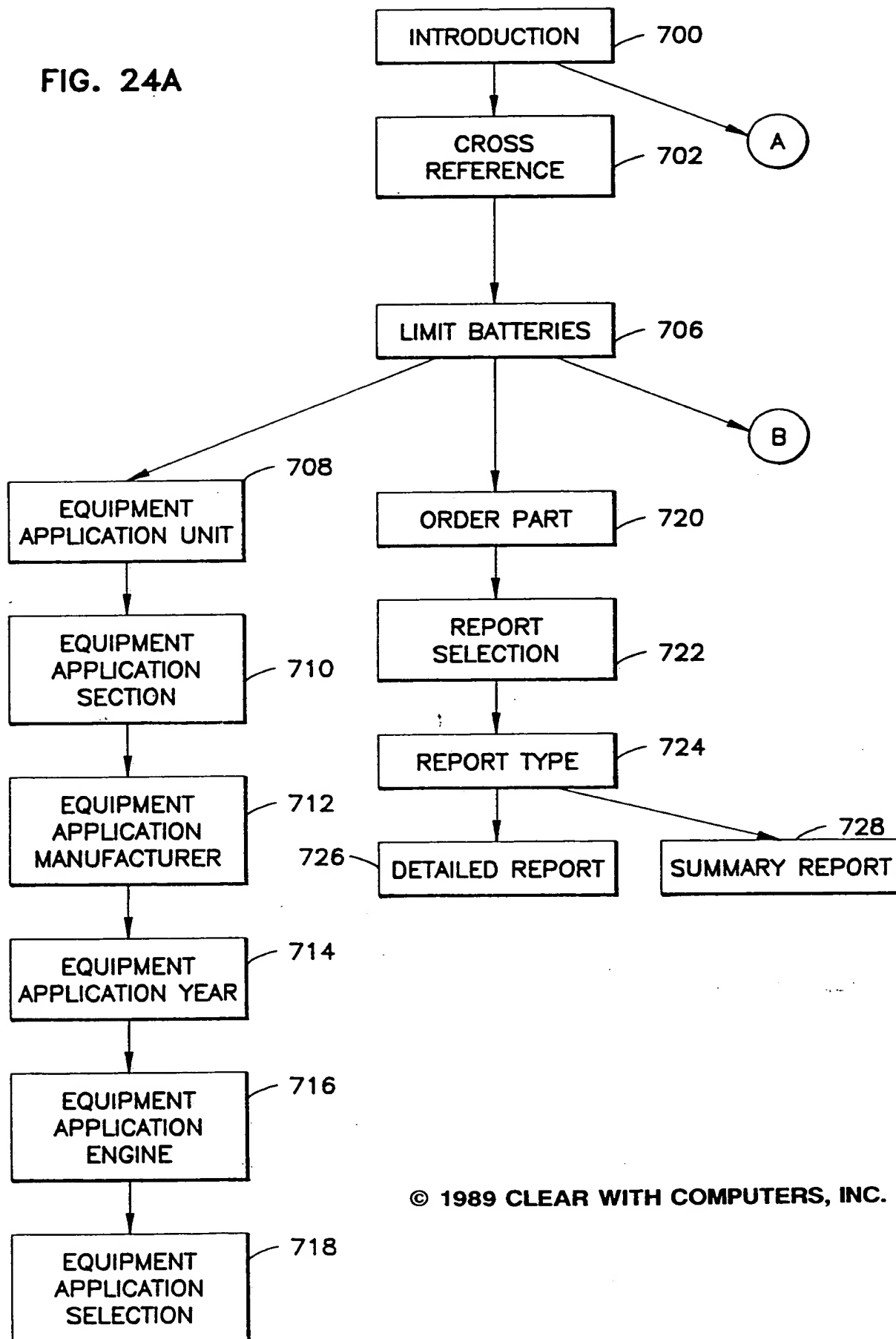


FIG. 24A



O. G. FIG.	SUBCLASS
CLASS	
APPROVED BY	CRAFTSMAN

FIG. 24B

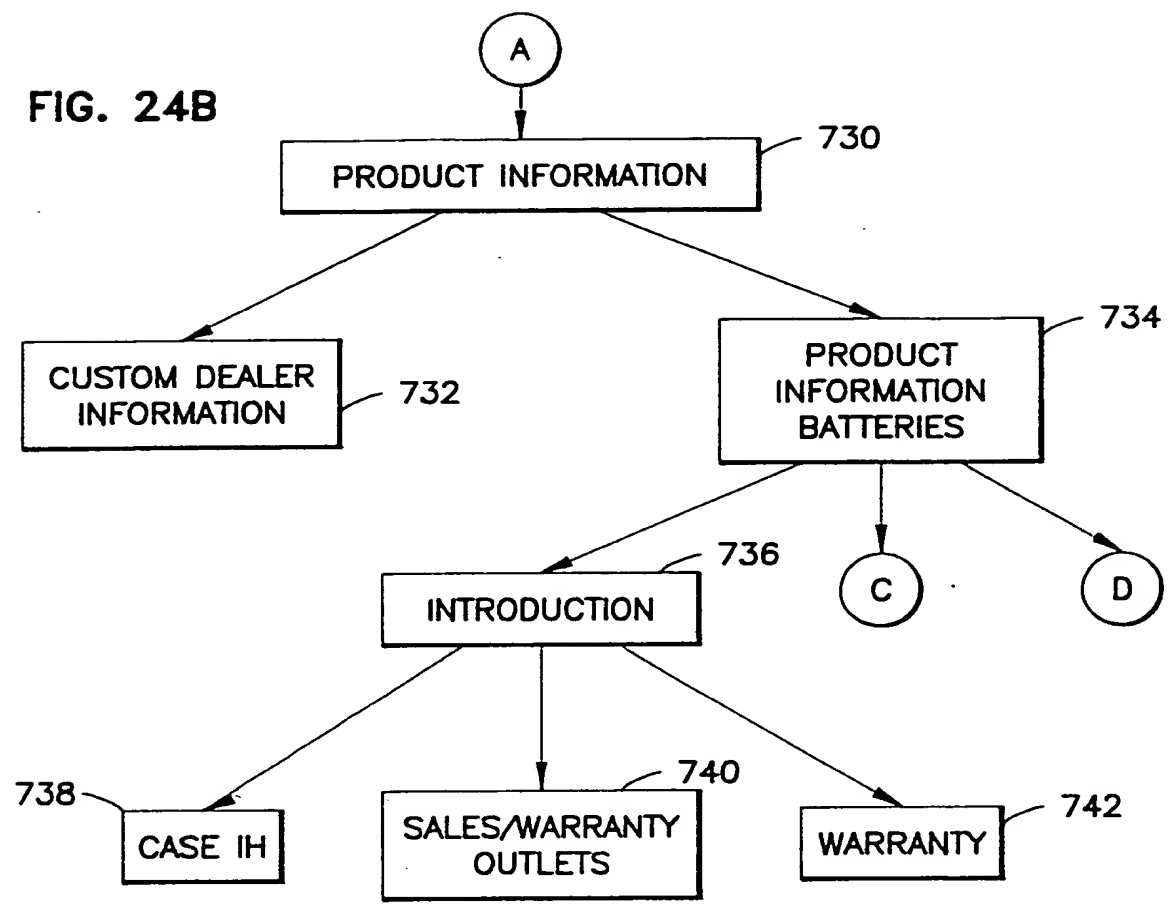
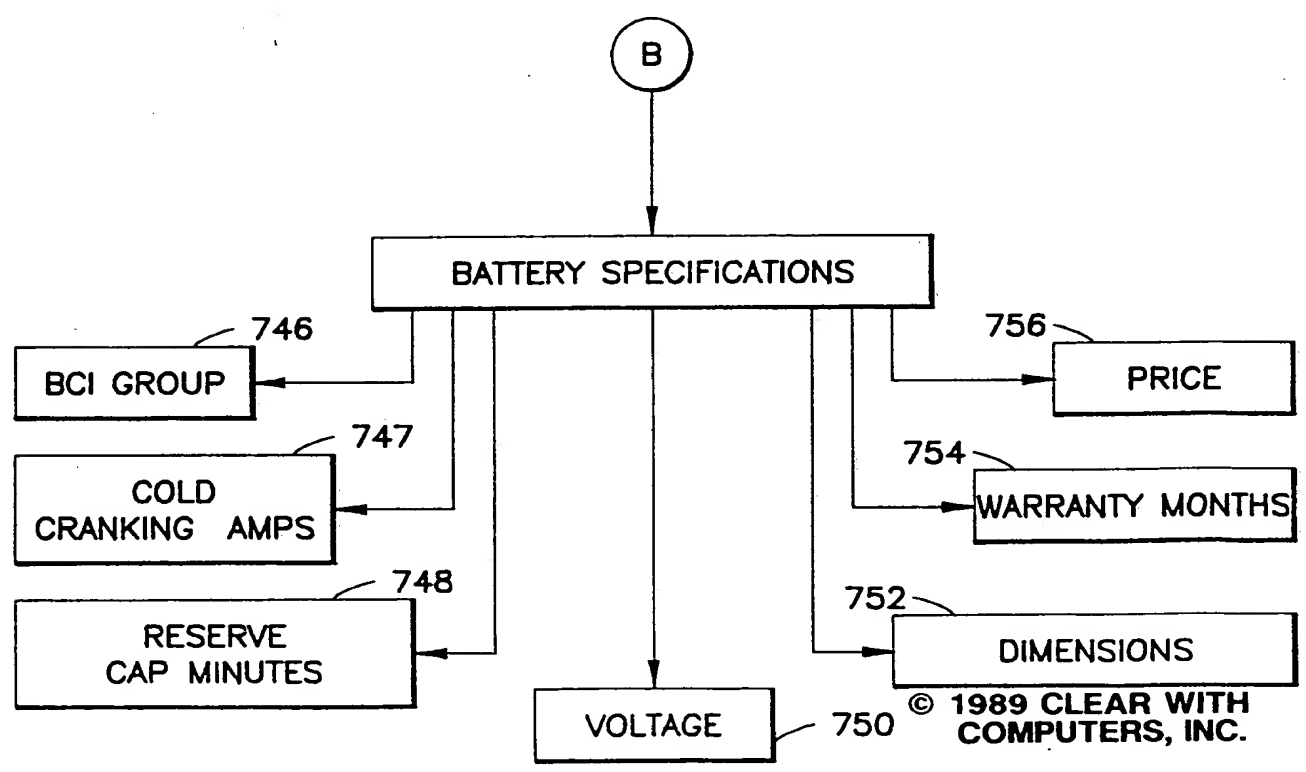


FIG. 24C



APPROVED	O. G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

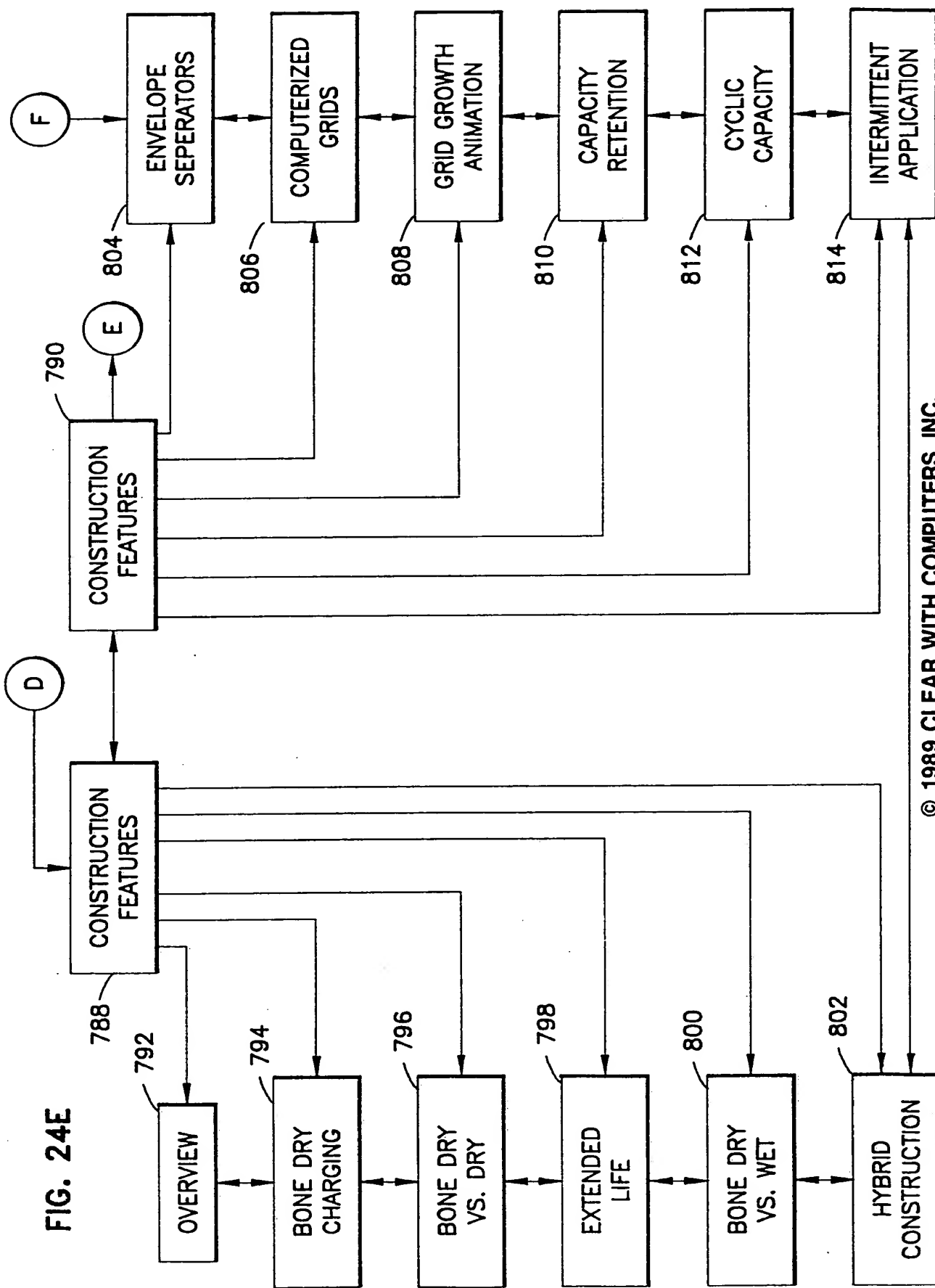


FIG. 24F

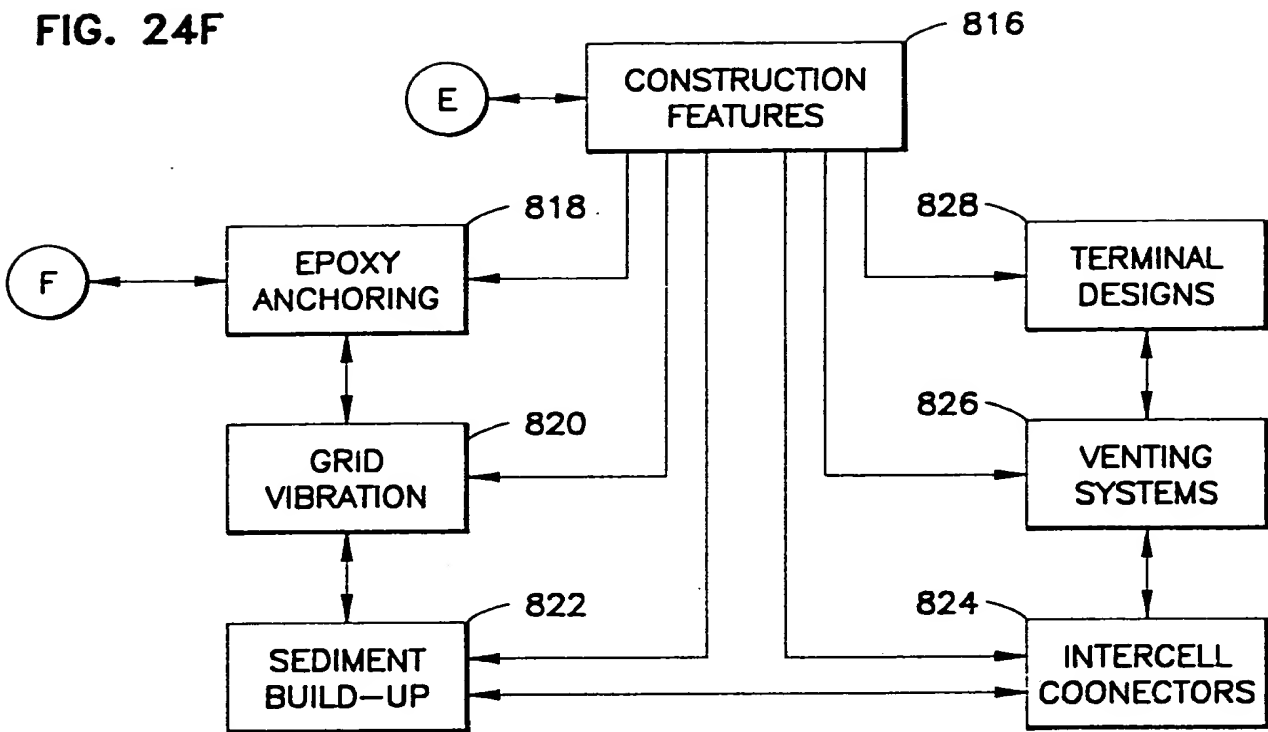


FIG. 18

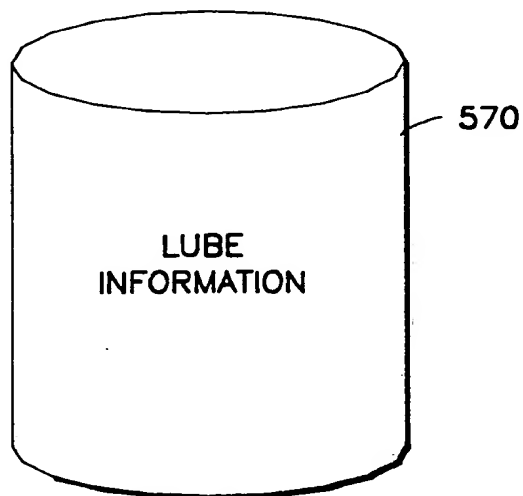


FIG. 25

CASEIH PARTS Introduction	
<p>QUICK REFERENCE Cross-Reference Product Information</p> <p>PRESENTATIONS/PROPOSALS Customer Presentation Customer Equipment</p> <p>TIME-SAVING TOOLS</p> <p>GRAPHIC SLIDE SHOW</p> <p>CUSTOMIZE</p> <p>Leave CASS PARTS</p>	<p><u>Cross-Reference</u></p> <p>Quickly find a part by entering a part number or a description of the equipment the part will fit</p>

700

FIG. 26

CASEIH PARTS Cross-Reference	
<p>Batteries</p> <p>Filters</p> <p>Remanufactured Electric</p> <p>Lubrication</p> <p>Bearings</p> <p>Main Menu</p>	<p><u>Batteries</u></p> <p>Choose a battery by specifying:</p> <p>1) CASE part number</p> <p>OR</p> <p>2) Equipment Application (make & model)</p> <p>OR</p> <p>3) Battery Specifications</p>

702

O. G. FIG.	SUBCLASS
CLASS	
APPROVED BY	GRAPHICSMAN

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
CRAF TSMAN		

FIG. 27

7067

CASEIH PARTS Limit Batteries	
CASEIH PART # EQUIPMENT APPLICATION BATTERY SPECIFICATIONS BCI Group Cold Cranking Amps Reserve Cap Minutes Voltage Dimensions (inches) Warranty Months Price	CASEIH PART # _____ Specify the CASEIH Part number for the battery you wish to select. Press right arrow when lit to go to order screen.

APPROVED BY DRAF TSMAN	O. G. FIG.	
	CLASS	SUBCLASS

FIG. 28

708

CASEIH PARTS Unit	
Equipment Add a unit	

APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
GRAFESMAN		

FIG. 29 710

CASEIH PARTS	
Unit	
Equipment	<div>Section INDUSTRIAL, ROAD & MISC. EQUIPMENT FARM EQUIPMENT LIGHT TRUCKS & VANS PASSENGER CARS TRUCKS, BUSES & COACHES</div>
Add a unit	

APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

712

FIG. 30

CASEIH PARTS	
Unit	
Equipment	<div> <p>Manufacturer</p> <hr/> <p>ACURA ALFA ROMEO ACADIAN (GM CANADA) AMERICAN MOTORS AMC/EAGLE/RENAULT AUDI AUSTIN AUSTIN HEALEY AUTO UNION-DKW BEAUMONT (GM CANADA)</p> </div> <div> <p>1 of 7</p> </div>
Add a unit	

FIG. 31

714

CASEIH PARTS Unit	
Equipment	<div> <div>Year</div> <div> 1970-77 1970-79 1973-74 1974-77 1974-79 1975-76 1978-79 1978-81 1980-81 1982 1 of 2 </div> </div>
Add a unit	

APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
CRAFTSMAN		

FIG. 32

7167

CASEIH PARTS Unit	
Equipment	Units
AUDI Add a unit	<div> <div> Engine 80 ALL OTHERS OPTIONAL </div> <div> PASS Manu Type Mode Year Engi </div> </div>

FIG. 33

718

CASEIH PARTS Unit	
Equipment	Units
AUDI Add a unit	<p>PASSENGER CARS</p> <p>Manufacturer AUDI</p> <p>Type ALL</p> <p>Model All Models</p> <p>Year 1970-77</p> <p>Engine 80</p>

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APPROVED	O.C. FIG.
BY	CLASS
ORAF (SMAN)	SURCLASS

APPROVED BY DRAF TSMAN	O. G. FIG. CLASS SUBCLASS
------------------------------	---------------------------------

FIG. 34

720

CASEIH PARTS Limit Batteries			
42	12V	66 Plates	390 CC 50 MO 1 Battery(s) on unit
42	12V	66 Plates	390 CC 50 MO 1 Battery(s) on unit
42	12V	66 Plates	390 CC 50 MO 1 Battery(s) on unit
AUDI ALL MODELS 1970-77 ALL OTHERS			
Cold Cranking @ 0 deg F (min) 390 AMPS			
3.6 Qts Acid 18 lbs dry 27 lbs wet			
Dimensions (in) 9.31 x 6.87 x 6.87			
90 day full replacement, 50 Mo Warranty			
PART NUMBER: B4250			\$ 46.99

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08/133986

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 35

722

CASEIH PARTS Limit Batteries					
42	12V	66 Plates	390 CC 50 MO 1 Battery(s) on unit		
42	12V	66 Plates	390 CC 50 MO 1 Battery(s) on unit		
42	12V	66 Plates	390 CC 50 MO 1 Battery(s) on unit		
<table border="1"> <tr> <th>Report Selection</th> </tr> <tr> <td>1. Proposal/Order 2. Comparision 3. Application</td> </tr> </table>				Report Selection	1. Proposal/Order 2. Comparision 3. Application
Report Selection					
1. Proposal/Order 2. Comparision 3. Application					
<p>AUDI ALL MODELS 1970-77</p> <p>Cold Cranking @ 0 deg F (min) 390 AMPS 3.6 Qts Acid 18 lbs dry 27 lbs wet Dimensions (in) 9.31 x 6.87 x 6.87 90 day full replacement, 50 Mo Warranty</p>					
PART NUMBER: B4250			\$ 46.99		

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAF TSMAN		

FIG. 36

724

CASEIH PARTS Limit Batteries		
42	12V 66 Plates 390 CC 50 MO 1 Battery(s) on unit	<div>Report Type</div> <div>1. Detailed</div> <div>2. Summary</div>
42	12V 66 Plates 390 CC 50 MO 1 Battery(s) on unit	
42	12V 66 Plates 390 CC 50 MO 1 Battery(s) on unit	
AUDI ALL MODELS 1970-77 ALL OTHERS		
Cold Cranking @ 0 deg F (min) 390 AMPS		
3.6 Qts Acid 18 lbs dry 27 lbs wet		
Dimensions (in) 9.31 x 6.87 x 6.87		
90 day full replacement, 50 Mo Warranty		
PART NUMBER: B4250		\$ 46.99

APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
JRAF TSMAN		

726

PROPOSAL / ORDER

FIG. 37

PART
QTY NUMBER

DESCRIPTION
PRICE
EA (\$)
PRICE
TOTAL (\$)

BATTERY:

1	B4250	42	12V 66 Plates 390 CC 50 MO	46.99	46.99
AUDI ALL MODELS 1970-77 ALL OTHERS					
Cold Cranking @ 0 deg F (min) 390 AMPS					
3.6 Qts Acid 18 lbs dry 27 lbs wet					
Dimensions (in) 9.31 x 6.87 x 6.87					
90 day full replacement, 50 Mo Warranty					

S U M M A R Y

Quantity	Product	Price
1	BATTERY	\$ 46.99
BATTERY Subtotal:		\$ 46.99
Total:		\$ 46.99

X _____ X _____

Accepted by: _____ © 1989 CLEAR WITH COMPUTERS, INC.

FIG. 38

P R O P O S A L / O R D E R

QTY	PART NUMBER	DESCRIPTION	PRICE EA (\$)	PRICE TOTAL (\$)
-----	----------------	-------------	------------------	---------------------

728

BATTERY:

1	B4250	42 12V 66 Plates 390 CC 50 MO	46.99	46.99
		AUDI ALL MODELS 1970-77 ALL OTHERS		

S U M M A R Y

Quantity	Product	Price
1	BATTERY	\$ 46.99

BATTERY Subtotal: \$ 46.99

Total: \$ 46.99

X _____ X _____

Accepted by: _____ © 1989 CLEAR WITH COMPUTERS, INC.

APPROVED BY DRAFTSMAN	CLASS	0.6. FIG. SUBCLASS
-----------------------------	-------	-----------------------

FIG. 39

746

CASEIH PARTS Limit Batteries	
<p>CASEIH PART #</p> <p>EQUIPMENT APPLICATION</p> <p>BATTERY SPECIFICATIONS</p> <p>BCI Group Cold Cranking Amps Reserve Cap Minutes Voltage Dimensions (inches) Warranty Months Price</p>	<p>BATTERY SPECIFICATIONS</p> <p>Choose which battery specification categories are to be used to limit battery choice.</p> <p>Multiple categories can be used.</p> <p>BCI GROUP</p> <p>Specify the BCI Group you wish to select a battery from.</p> <p>Press right arrow when lit to go to order screen.</p>

APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
RAF-ISMAR		

APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
GRAF-ISMAR		

FIG. 40

747

CASEIH PARTS Limit Batteries	
CASEIH PART # EQUIPMENT APPLICATION BATTERY SPECIFICATIONS BCI Group Cold Cranking Amps Reserve Cap Minutes Voltage Dimensions (inches) Warranty Months Price	BATTERY SPECIFICATIONS Choose which battery specification categories are to be used to limit battery choice. Multiple categories can be used. Cold Cranking Amps Specify the Cold Cranking Amps the battery must deliver. Press right arrow when lit to go to order screen.

FIG. 41

748

CASEIH PARTS Limit Batteries	
<p>CASEIH PART #</p> <p>EQUIPMENT APPLICATION</p> <p>BATTERY SPECIFICATIONS</p> <p>BCI Group</p> <p>Cold Cranking Amps</p> <p>Reserve Cap Minutes</p> <p>Voltage</p> <p>Dimensions (inches)</p> <p>Warranty Months</p> <p>Price</p>	<p><u>BATTERY SPECIFICATIONS</u></p> <p>Choose which battery specification categories are to be used to limit battery choice.</p> <p>Multiple categories can be used.</p> <p><u>Reserve Capacity Minutes</u></p> <p>Specify the Reserve Capacity Minutes the battery must deliver.</p> <p><u>Press right arrow when lit to go to order screen.</u></p>

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
PRAF TSHAN		

FIG. 42

750

CASEIH PARTS Limit Batteries	
<p>CASEIH PART #</p> <p>EQUIPMENT APPLICATION</p> <p>BATTERY SPECIFICATIONS</p> <p>BCI Group</p> <p>Cold Cranking Amps</p> <p>Reserve Cap Minutes</p> <p>Voltage</p> <p>Dimensions (inches)</p> <p>Warranty Months</p> <p>Price</p>	<p>BATTERY SPECIFICATIONS</p> <p>Choose which battery specification categories are to be used to limit battery choice.</p> <p>Multiple categories can be used.</p> <p>Voltage</p> <p>Specify the required Voltage the battery must have.</p> <p>Press right arrow when lit to go to order screen.</p>

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APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
CRAF (SMAR)		

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
CSRAE TSMAN		

FIG. 43

752

CASEIH PARTS Limit Batteries	
CASEIH PART # EQUIPMENT APPLICATION BATTERY SPECIFICATIONS BCI Group Cold Cranking Amps Reserve Cap Minutes Voltage Dimensions (inches) Warranty Months Price	BATTERY SPECIFICATIONS Choose which battery specification categories are to be used to limit battery choice. Multiple categories can be used. Dimensions (inches) Will locate battery(s) of exact size or if not exact size, available battery(s) whose 3 measurements are within 1/2 inch smaller. Press right arrow when lit to go to order screen.

APPROVED BY CRAFTSMAN	CLASS	O. G. FIG. SUBCLASS
-----------------------------	-------	------------------------

754

FIG. 44

<p>CASEIH PARTS Limit Batteries</p>	
<p>CASEIH PART #</p> <p>EQUIPMENT APPLICATION</p> <p>BATTERY SPECIFICATIONS</p> <p>BCI Group</p> <p>Cold Cranking Amps</p> <p>Reserve Cap Minutes</p> <p>Voltage</p> <p>Dimensions (inches)</p> <p>Warranty Months</p> <p>Price</p>	<p>BATTERY SPECIFICATIONS</p> <p>Choose which battery specification categories are to be used to limit battery choice.</p> <p>Multiple categories can be used.</p> <p>Warranty Months</p> <p>Specify the number of months the battery must be covered by warranty.</p> <p>Press right arrow when lit to go to order screen.</p>

FIG. 45

756

CASEIH PARTS Limit Batteries	
<p>CASEIH PART #</p> <p>EQUIPMENT APPLICATION</p> <p>BATTERY SPECIFICATIONS</p> <p>BCI Group</p> <p>Cold Cranking Amps</p> <p>Reserve Cap Minutes</p> <p>Voltage</p> <p>Dimensions (inches)</p> <p>Warranty Months</p> <p>Price</p>	<p>BATTERY SPECIFICATIONS</p> <p>Choose which battery specification categories are to be used to limit battery choice.</p> <p>Multiple categories can be used.</p> <p>Price</p> <p>Specify the desired target price of the battery.</p> <p>Press right arrow when lit to go to order screen.</p>

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
CRAFTSMAN		

FIG. 46

730

CASEIH PARTS Facts, the CASEIH story	
DEALER NAME BATTERIES FILTERS REMANUFACTURED ELECTRIC LUBRICANTS BEARINGS Main Menu	DEALER NAME <hr/> Customized information for this dealership

FIG. 47

732

CASEIH PARTS Facts, the CASEIH story	
DEALER NAME BATTERIES FILTERS REMANUFACTURED ELECTRIC LUBRICANTS BEARINGS Main Menu	DEALER NAME <hr/> Background Parts Service

APPROVED	BY	CLASS	SUBCLASS
DATE		TIME	

O. G. FIG.		SUBCLASS	
CLASS			
APPROVED	BY	CRAFTSMAN	

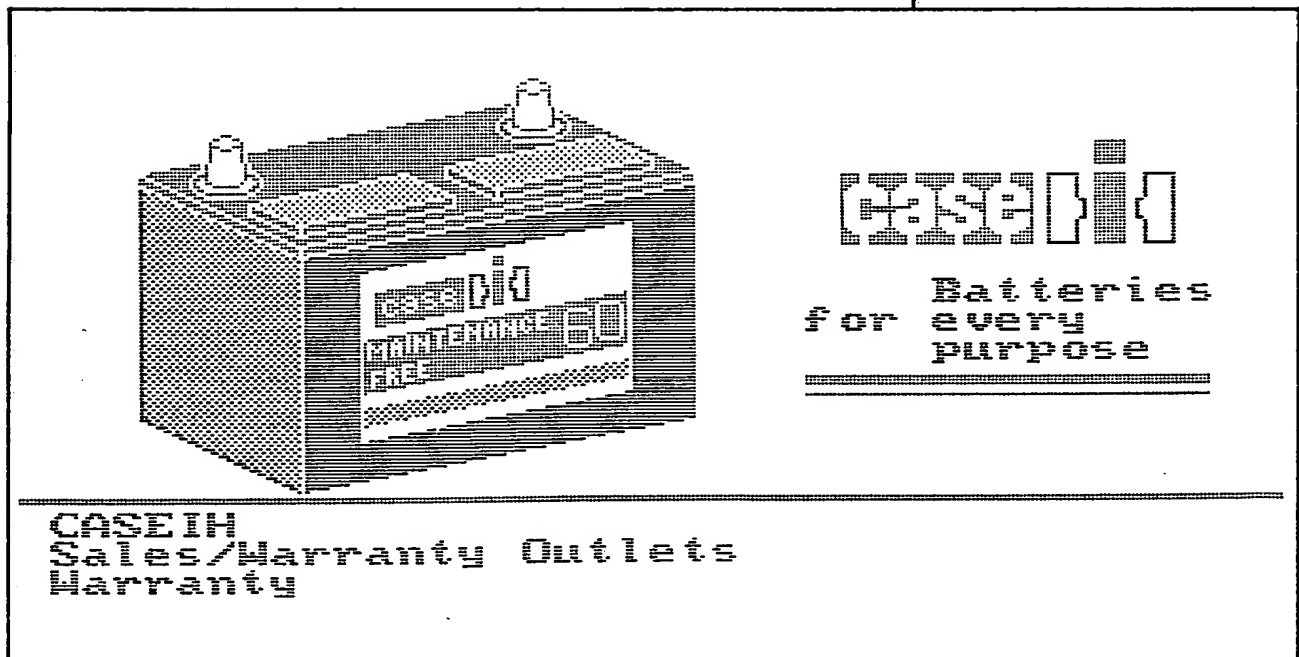
FIG. 48

734

CASEIH PARTS Facts, the CASEIH story	
DEALER NAME BATTERIES FILTERS REMANUFACTURED ELECTRIC LUBRICANTS BEARINGS Main Menu	BATTERIES <hr/> Introduction How a Battery Works Construction Features

FIG. 49

736



O.G. FIG.	SUBCLASS
CLASS	
APPROVED BY	DRAFTSMAN



Headquartered in Racine, WI, CASEIH is a worldwide manufacturer and marketer of agricultural and construction equipment. CASEIH is a subsidiary of Tenneco, Inc.



Headquartered in Houston, TX, Tenneco Inc., is a diversified company with major business interests in oil, natural gas, pipelines, agricultural and construction equipment, ship building, automotive parts, chemicals packaging, agriculture, and minerals.

FIG. 50

738

FIG. 51

740

CASEIH NORTH AMERICA

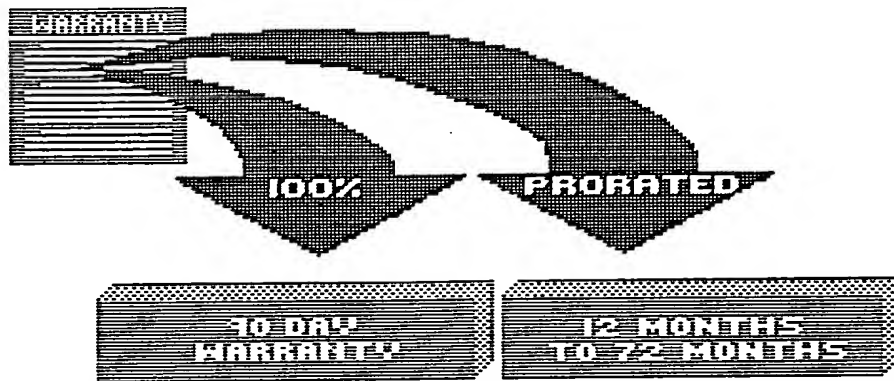
OVER 2,200 SALES OUTLETS

+ CASEIH insures parts availability and warranty service through its many sales outlets all across North America

FIG. 52

742

APPROVED BY CRAF ISMAN	O.C. FIG.
	SUBCLASS

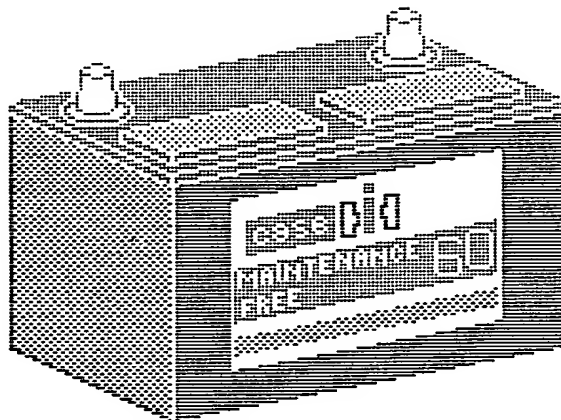


* WARRANTY

- + CASEIH stands behind their batteries with the best warranty in the industry, regardless of vehicle application.

FIG. 53

758



Caseih

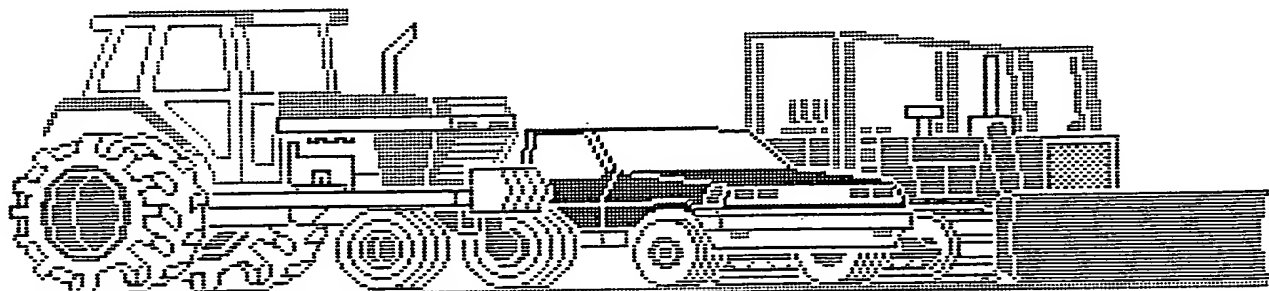
Batteries
for every
purpose

The Right Battery
Functions of a Battery
Charge/Discharge Cycle
Fully Charged
Discharging
Totally Discharged
Charging

Screen 1 of 2

FIG. 54

760

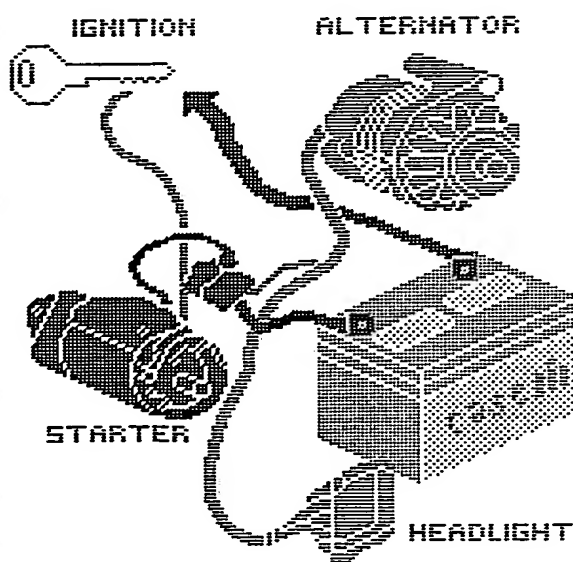


* THE RIGHT BATTERY FOR YOUR NEEDS

- + A wide selection of quality batteries, made in North America by skilled craftsmen, provide superior performance features for almost any application

FIG. 55

762



MAIN FUNCTIONS OF THE BATTERY

- 1) Supply power to starter and ignition system
- 2) Supply extra power when vehicle's electrical load requirements exceed supply from charging system
- 3) Protect electrical system from temporarily high voltages

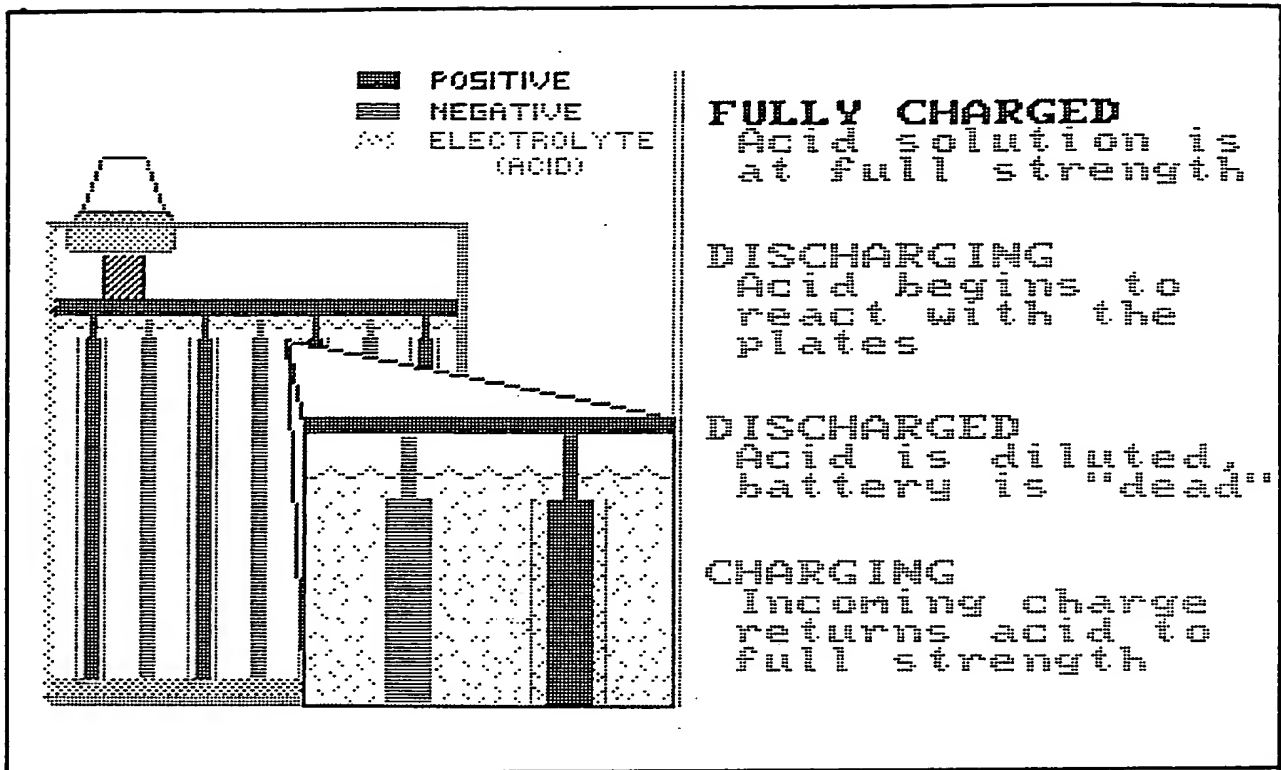


FIG. 56

766

FIG. 57

768

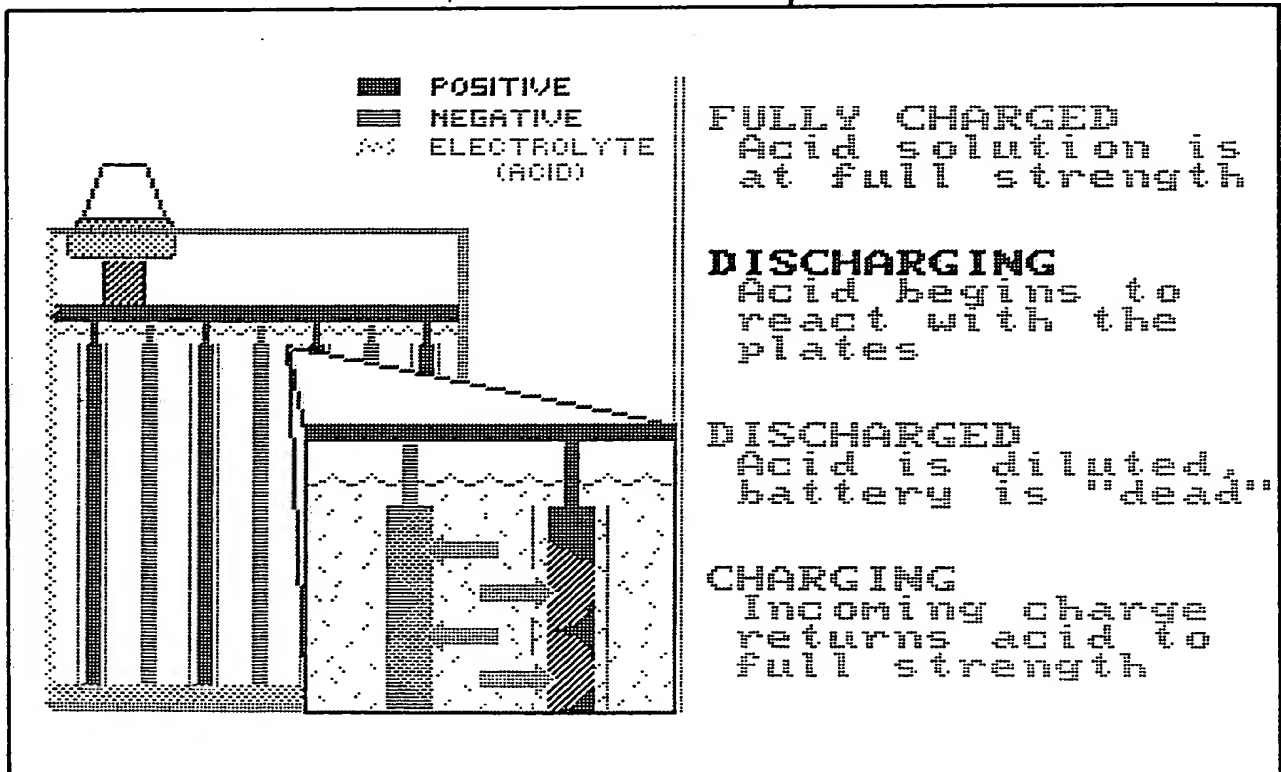



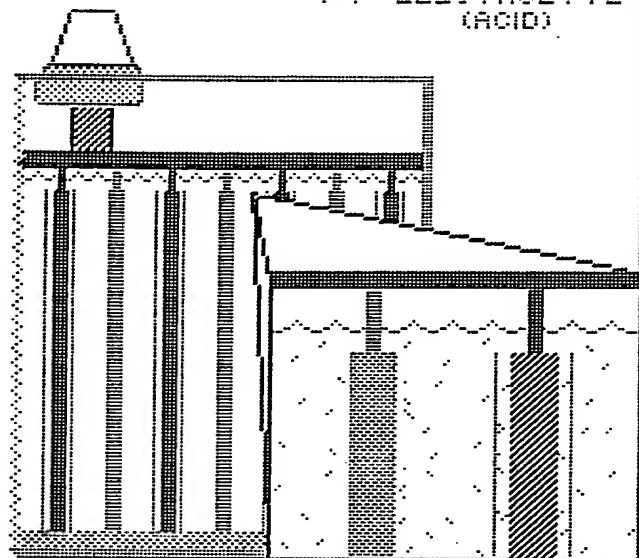


FIG. 58

770

 POSITIVE
 NEGATIVE
 ELECTROLYTE (ACID)



FULLY CHARGED
Acid solution is at full strength




DISCHARGING
Acid begins to react with the plates

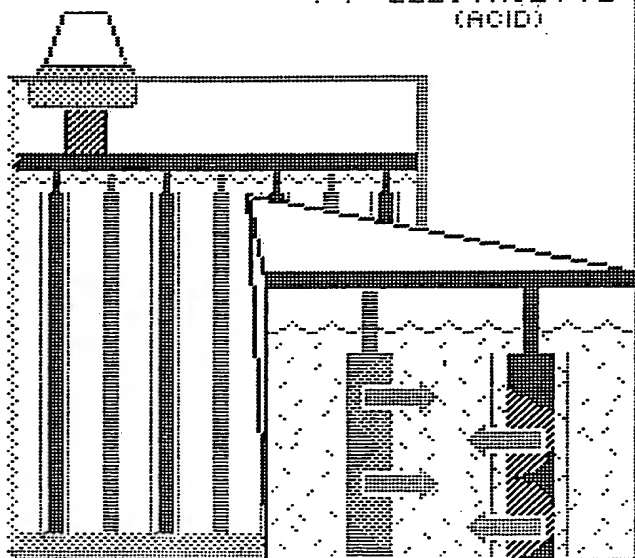
DISCHARGED
Acid is diluted, battery is "dead"

CHARGING
Incoming charge returns acid to full strength

FIG. 59

772

 POSITIVE
 NEGATIVE
 ELECTROLYTE (ACID)



FULLY CHARGED
Acid solution is at full strength

DISCHARGING
Acid begins to react with the plates

DISCHARGED
Acid is diluted, battery is "dead"

CHARGING
Incoming charge returns acid to full strength

FIG. 60

780

O.G. FIG.	SUBCLASS
CLASS	
APPROVED BY	THAF (SMAR)

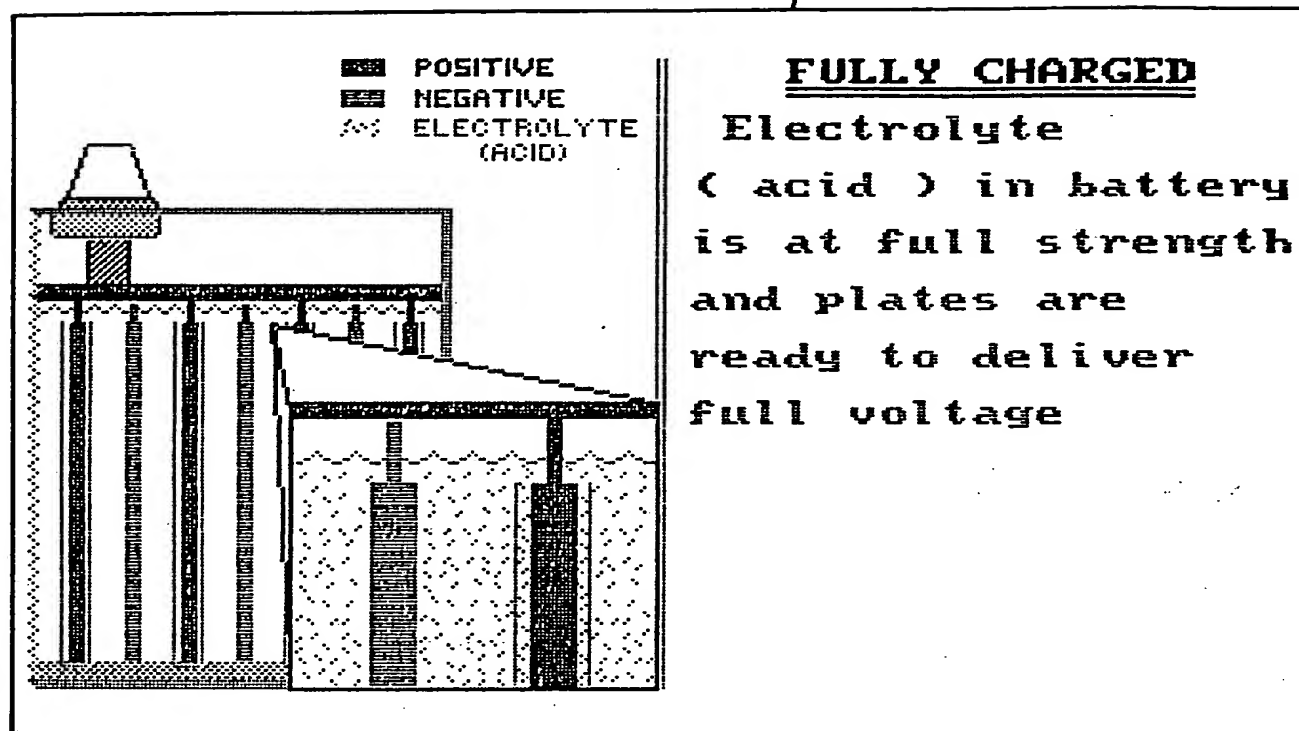


FIG. 61

778

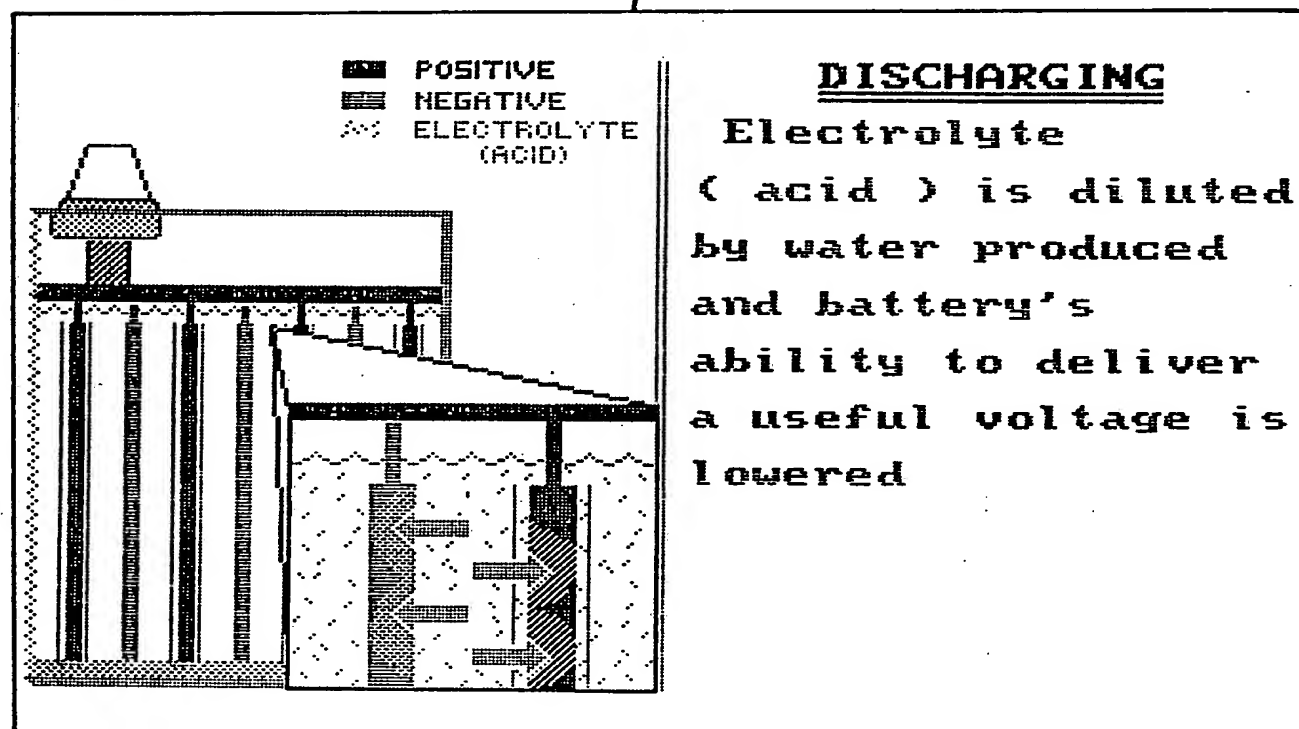
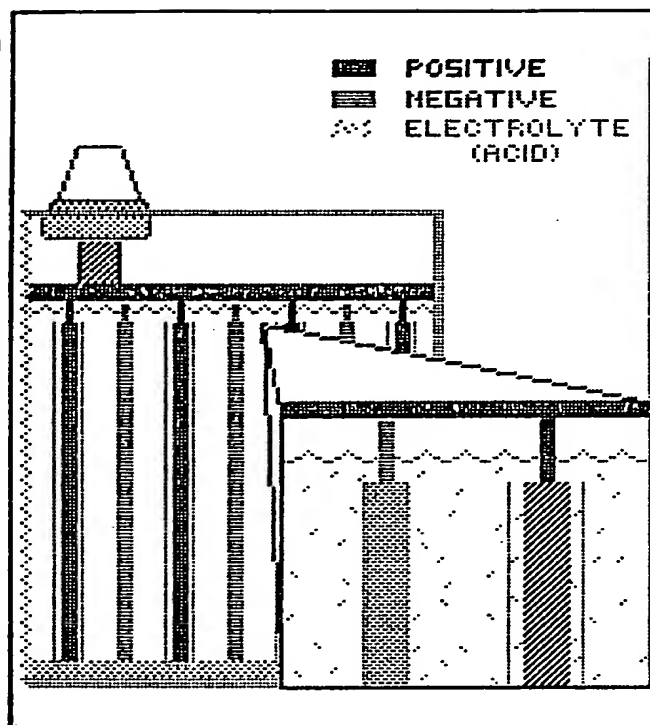


FIG. 62

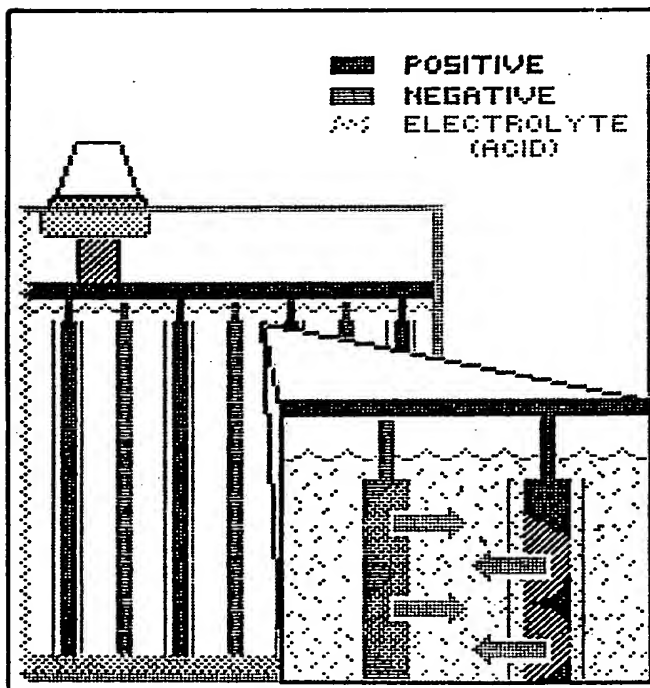
776

**TOTALLY DISCHARGED**

Water produced dilutes electrolyte (acid) to point at which battery can no longer deliver a useful voltage

FIG. 63

774

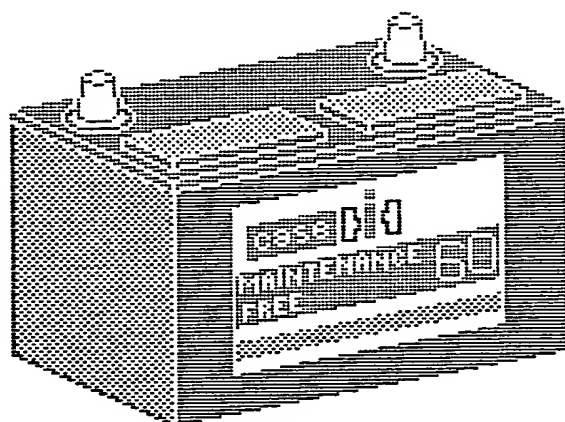
**CHARGING**

Electrical current is passed through the battery in a direction opposite to the direction of discharge reversing the chemical reactions that took place while battery was discharging

FIG. 64

759

O.C. FIG.	SUBCLASS
CLASS	
APPROVED BY	DRAFTSMAN



CASE

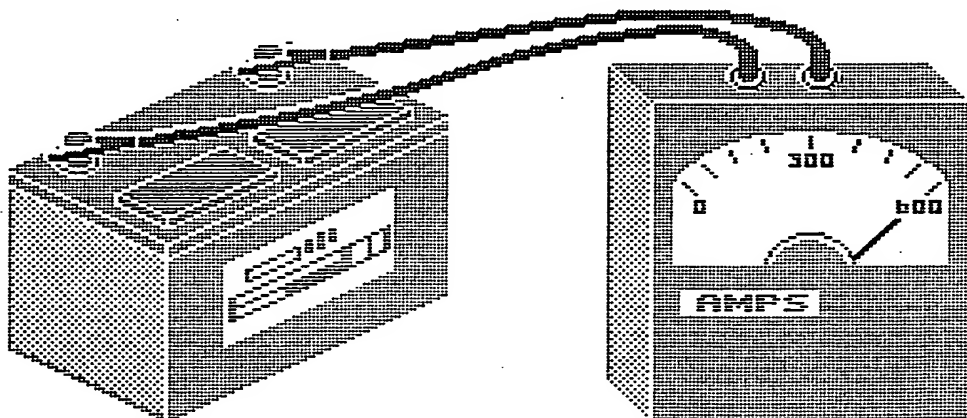
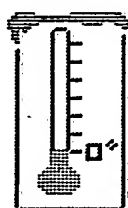
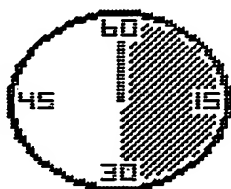
Batteries
for every
purpose

Cold Cranking Power
Engineering vs. Marketing Ratings
Reserve Capacity

Screen 2 of 2

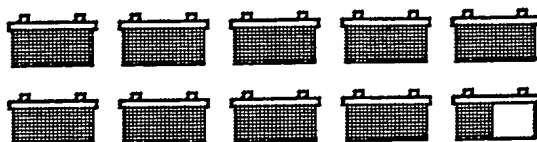
FIG. 65

782

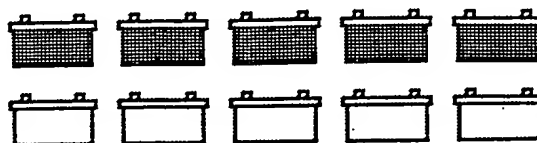


* COLD CRANKING CAPACITY

- + Amount of current battery can deliver for 30 seconds at 0 degrees without dropping below a specific voltage
- + Ability of battery to provide adequate power to start a cold engine based on manufacturer's standards

ENGINEERING RATINGS

ENGINEERING RATINGS ACHIEVE
SAE PERFORMANCE STANDARDS
95%
OF THE TIME

MARKETING RATINGS

MARKETING RATINGS ACHIEVE SAE
PERFORMANCE STANDARDS ONLY
50%
OF THE TIME

*** ENGINEERING vs MARKETING RATINGS**

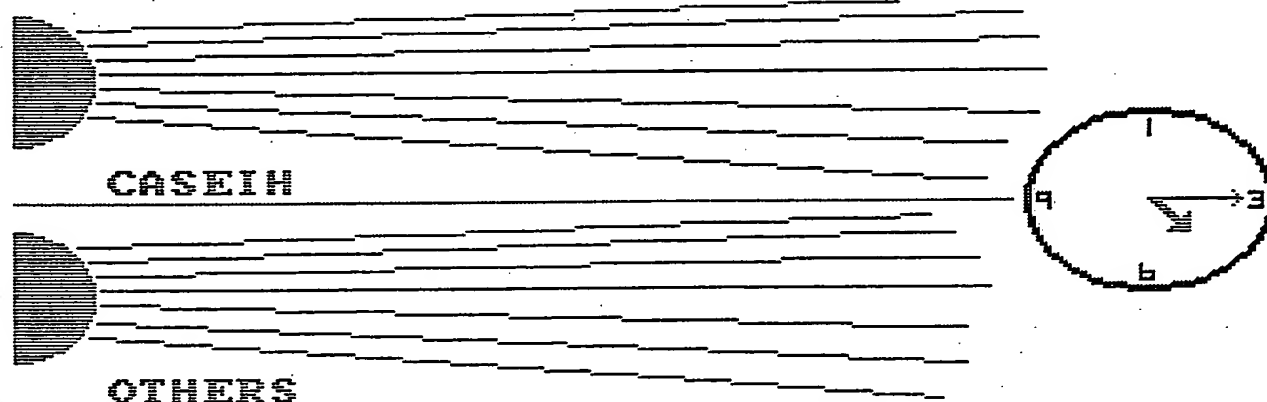
- + CASEIH will accept only engineering ratings
- + CASEIH randomly selects units for tests to insure our high standards are being met
- + Reliable quality is guaranteed

FIG. 66

784

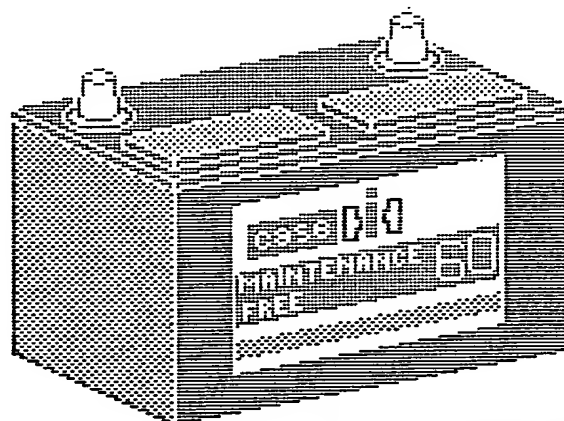
FIG. 67

786

*** HIGH RESERVE CAPACITY**

- + CASEIH batteries have the capacity to deliver a sustained electrical flow if a vehicle's charging system fails
- + Reliable performance in the field

O.G. FIG.	SUBCLASS	
	CLASS	
APPROVED	BY	RAFTSMAN



case

Batteries
for every
purpose

Overview
Bone Dry Charging
vs Dry Charging
Extended Life
vs Wet Charging
Hybrid Construction

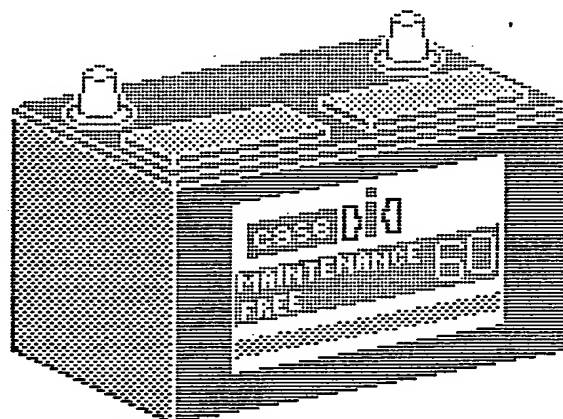
Screen 1 of 3

FIG. 68

788

FIG. 69

790



case

Batteries
for every
purpose

Intermittent Application
Cyclic Capacity
Capacity Retention
Grid Growth
Computerized Grids
Envelope Separators

Screen 2 of 3

O.G. FIG.	SUBCLASS
CLASS	
APPROVED BY	RAF (SMAR)

CASE IH

Batteries
for every
purpose

Epoxy Anchoring
Grid Vibration
Sediment Build-up
Intercell Connectors
Venting System
Terminal Designs

Screen 3 of 3

FIG. 70

816

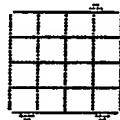
FIG. 71

792

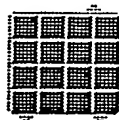
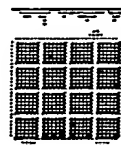
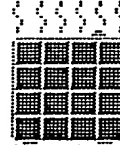
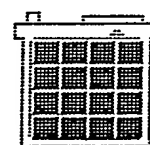
**CASE IH
BATTERIES**

+ Made in North America with a unique blend of skilled craftsmanship and futuristic automation

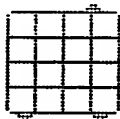
APPROVED BY ZAF/SMH	CLASS	O. G. FIG.	SUBCLASS

CASEIH

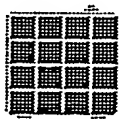
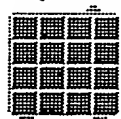
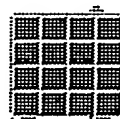
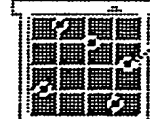
GRID

LEAD
APPLIEDACID
CHARGEDOVEN
DRY**BONE
DRY
BATTERY**

ASSEMBLED

OTHERS

GRID

LEAD
APPLIEDACID
CHARGEDDRIP/
SPIN DRY**DRY
BATTERY**

ASSEMBLED

*** BONE DRY CHARGING**

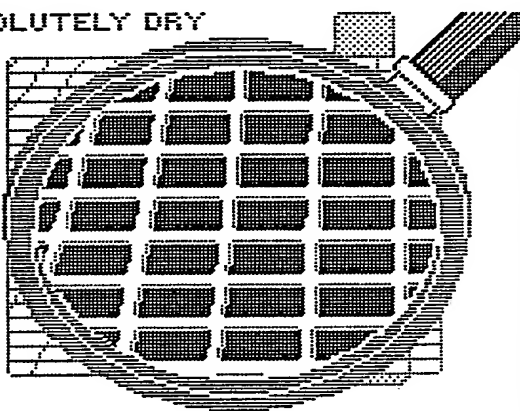
- + CASEIH steam and oven dries the grid plates for their batteries so not one drop of electrolyte is present during shipping and storage
- + All batteries stay factory fresh until electrolyte is added at time of sale

FIG. 72

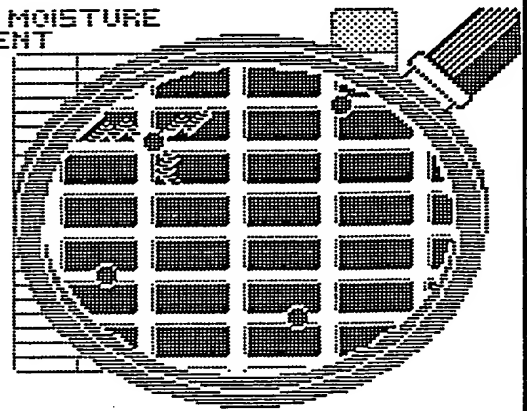
794

FIG. 73

796

ABSOLUTELY DRY*** CASEIH BONE DRY**

- + Batteries remain factory fresh until electrolyte is added for long, useful life

SOME MOISTURE PRESENT*** DRY CHARGED**

- Batteries wear down continuously even on the shelf

FIG. 90

8267

**"FLAME ARRESTER"
VENT PLUG**

Allows gas to
escape but
prevents
external flames
or sparks from
entering the
battery

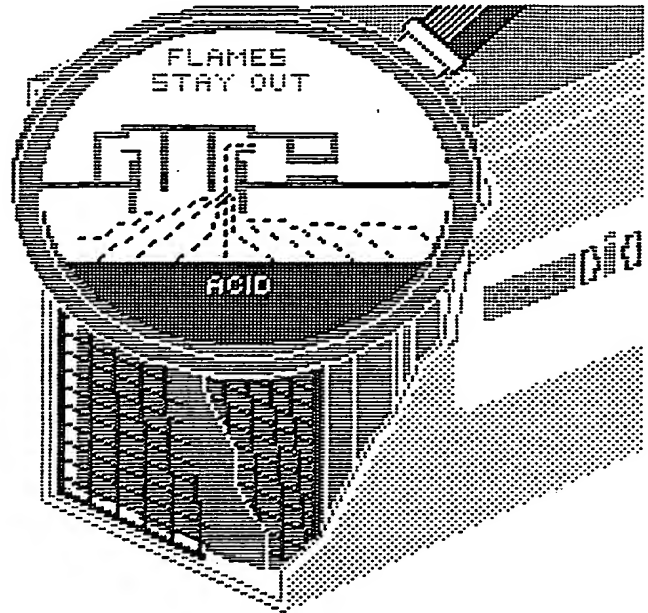
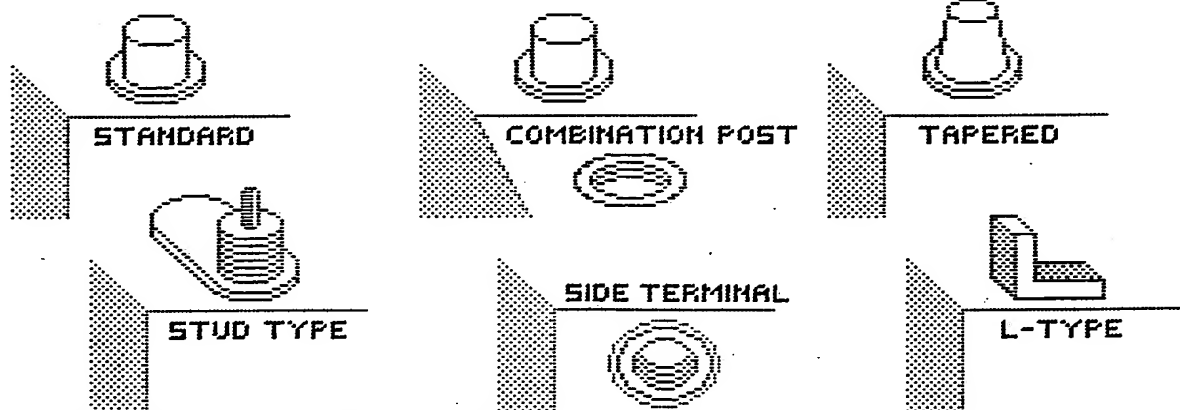


FIG. 91

8287

*** TERMINAL DESIGNS**

+ CASEIH batteries offer a wide variety of terminal designs to meet your every need

O. G. FIG.	APPROVED	
	BY	JURAF TSMAN
CLASS		
SUBCLASS		

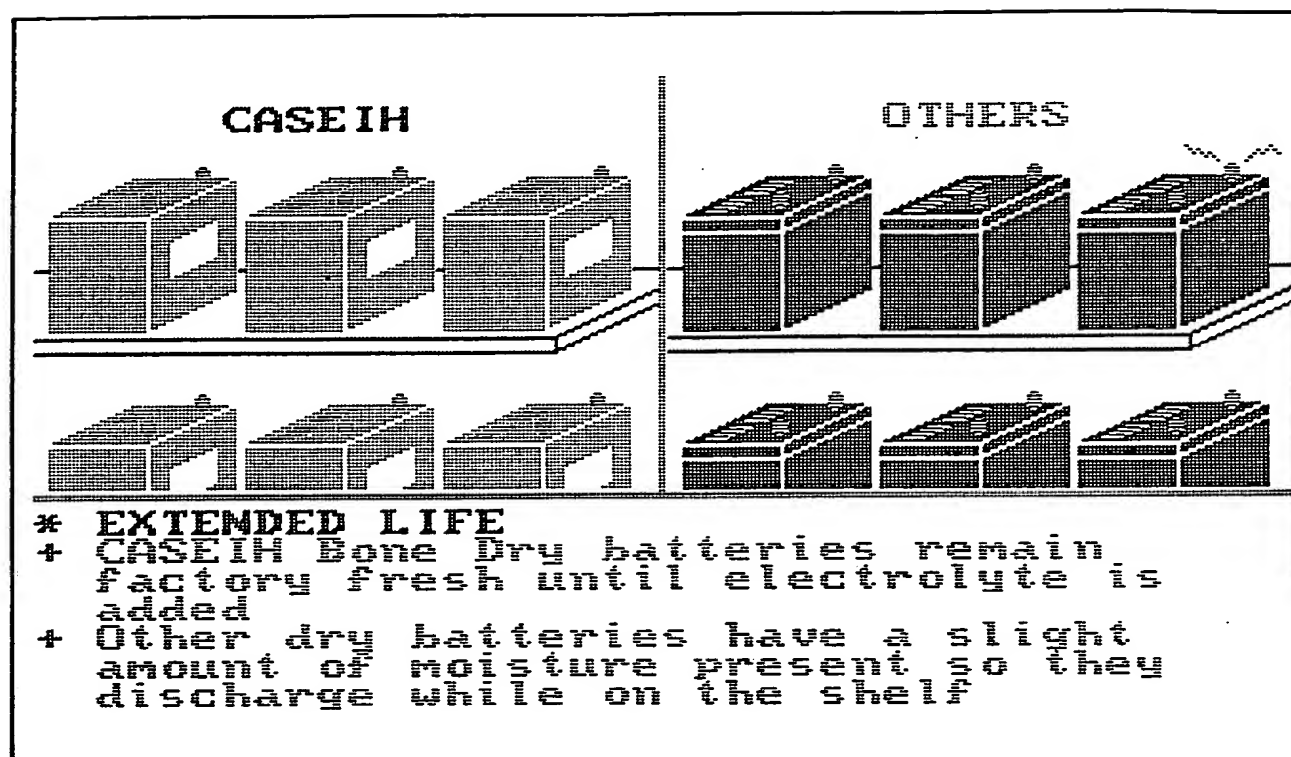


FIG. 74

798

FIG. 75

800

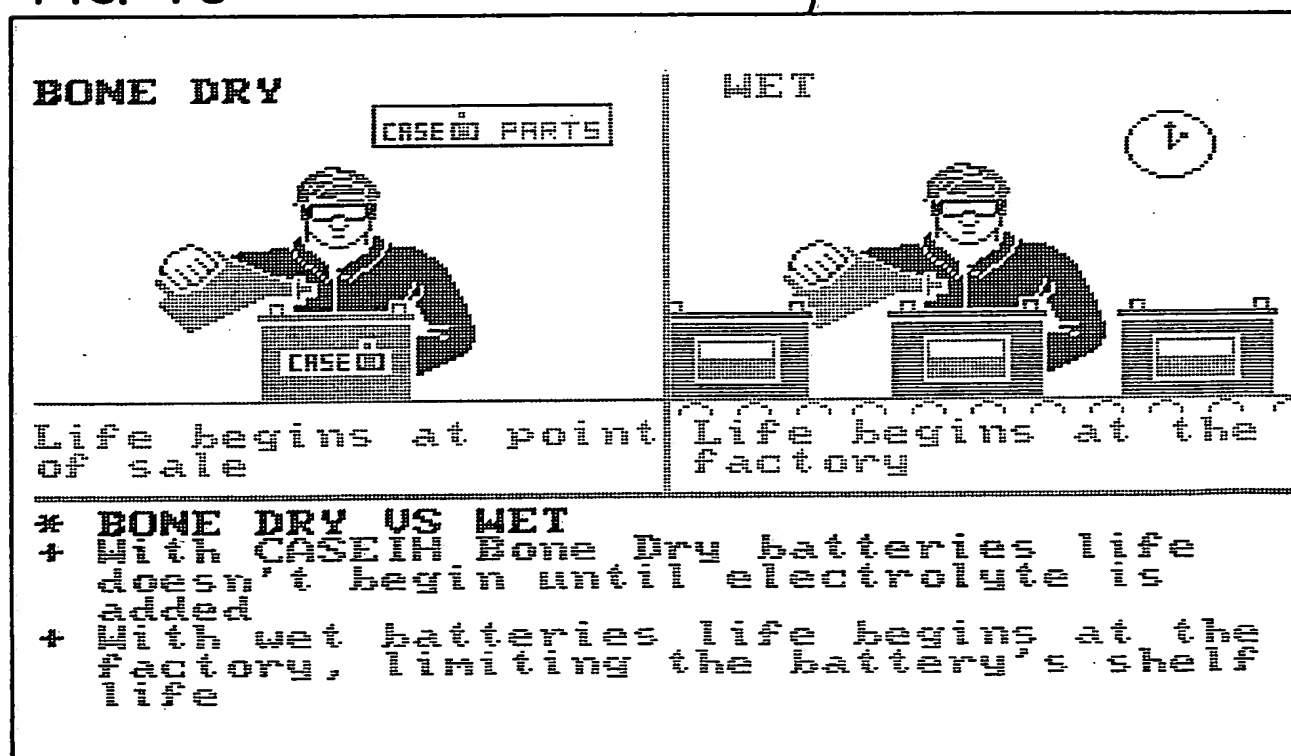


FIG. 76

802

HYBRID BATTERY

- + The term "Hybrid Battery" means the positive grid alloy is a low antimony-lead alloy and the negative grid alloy is a calcium-lead alloy.

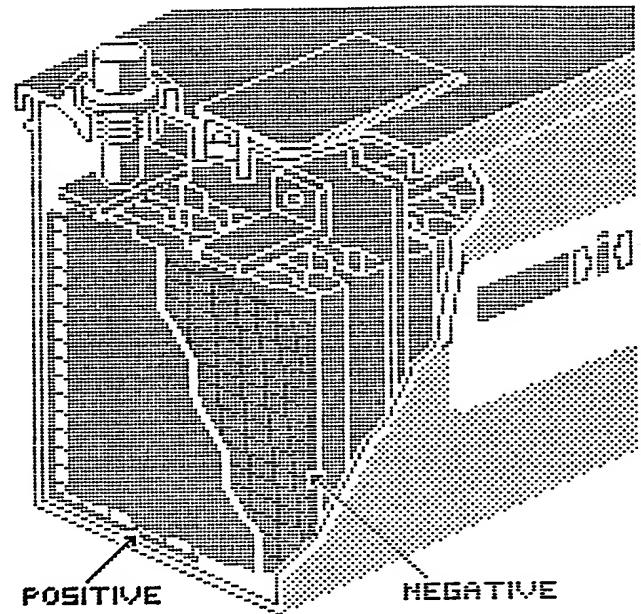
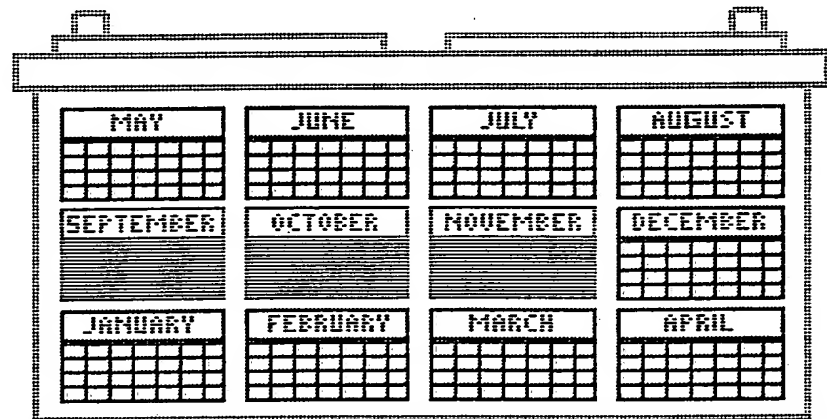


FIG. 77

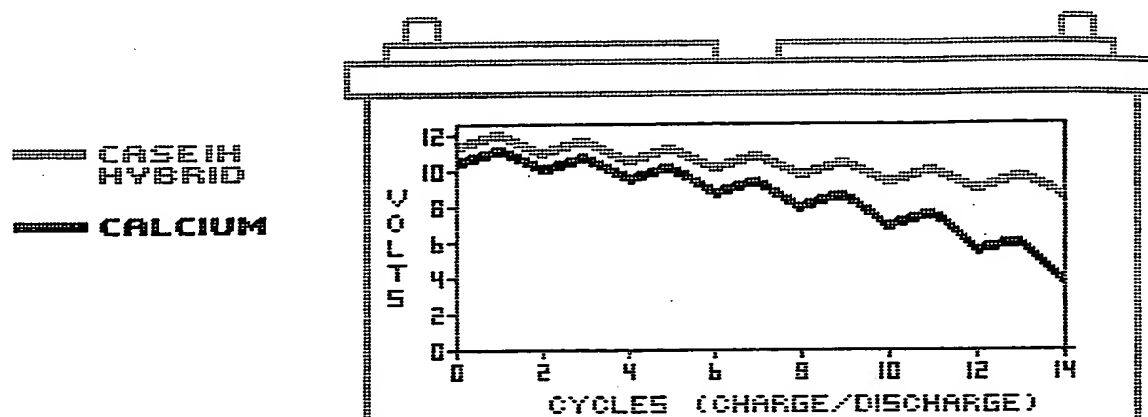
814

PERIOD OF
ACTIVE
APPLICATION

*** INTERMITTENT APPLICATION**

- + CASEIH Hybrid battery is more suitable in starting a vehicle after standing for long periods of inactivity.
- + Once the vehicle is started, the hybrid battery will accept charge quickly.

APPROVED BY DRAFTSMAN	CLASS	SUBCLASS	O. G. FIG.



* CYCLIC CAPACITY

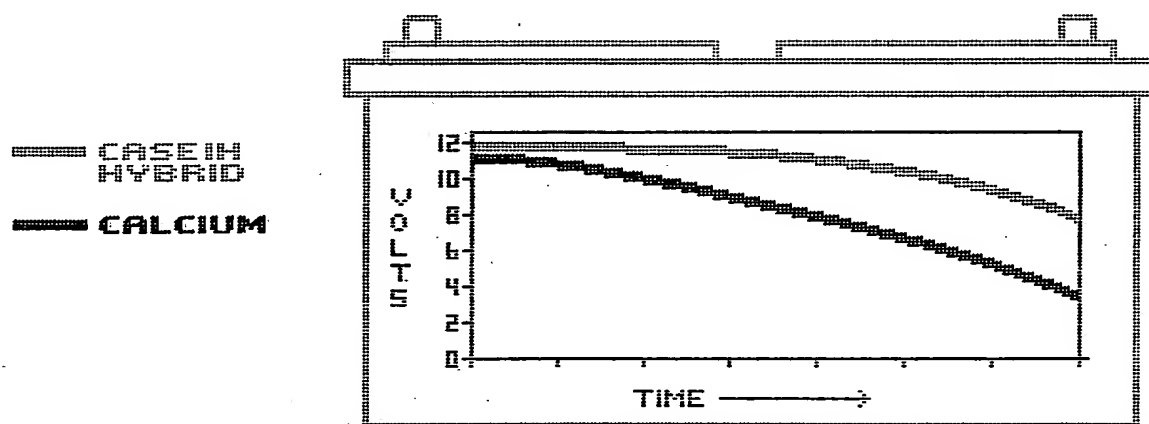
- + SAE cycle-life test data has shown that hybrid batteries out-perform calcium batteries during moderate depth cycling tests by two to one

FIG. 78

812

FIG. 79

810



* CAPACITY RETENTION

- + Capacity retention of calcium batteries fades much faster than that of hybrid batteries
- + Active material utilization in hybrid batteries is superior and recovery after a deep discharge more complete

FIG. 80

808

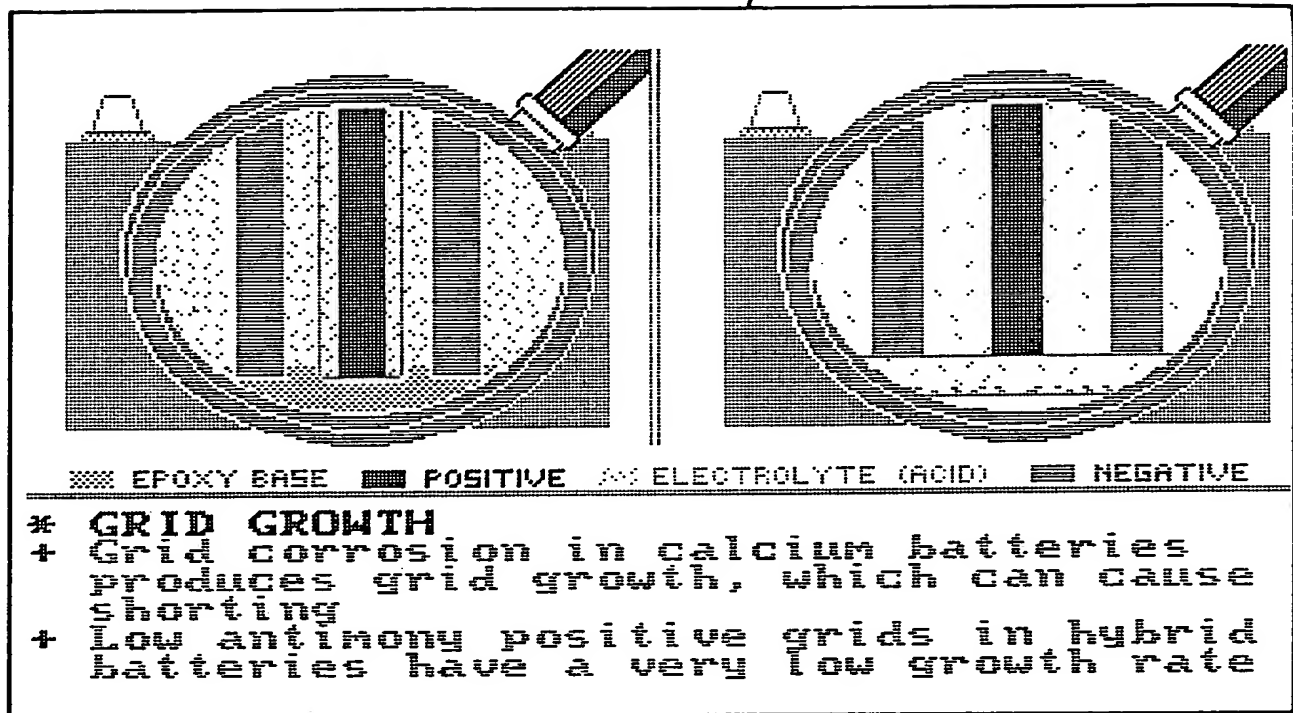


FIG. 81

808

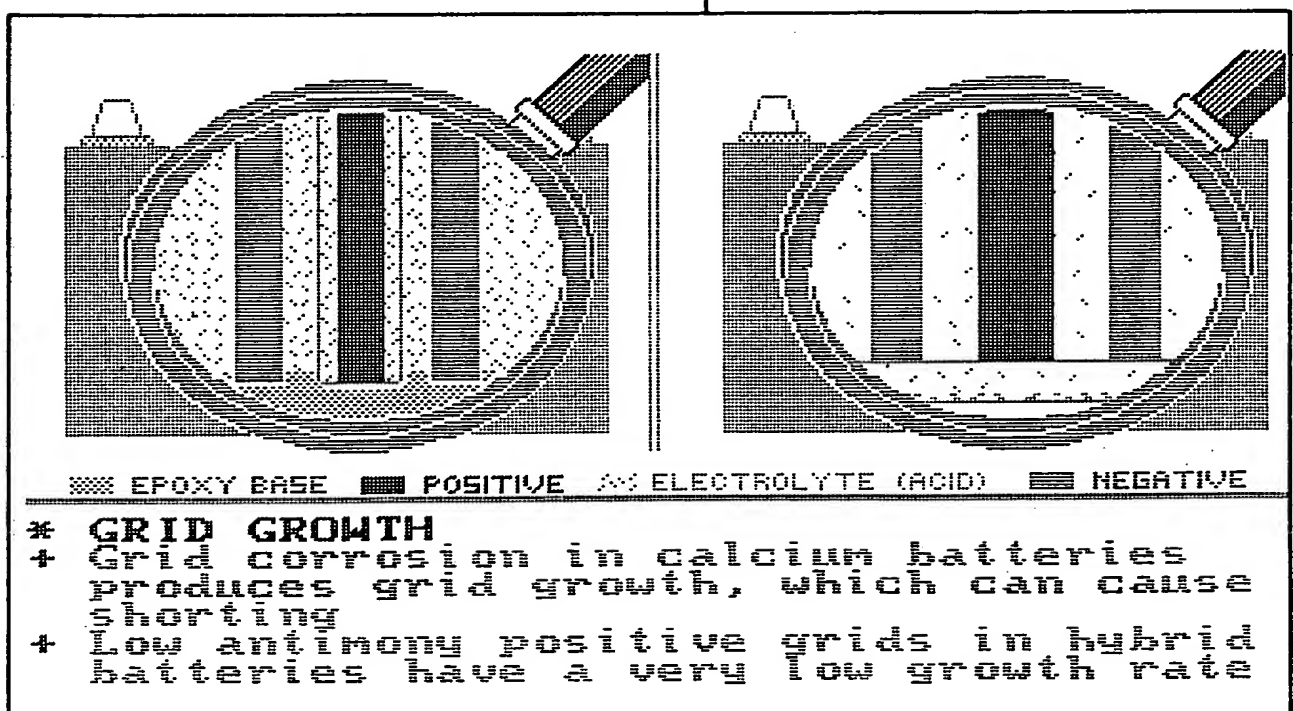


FIG. 82

8087

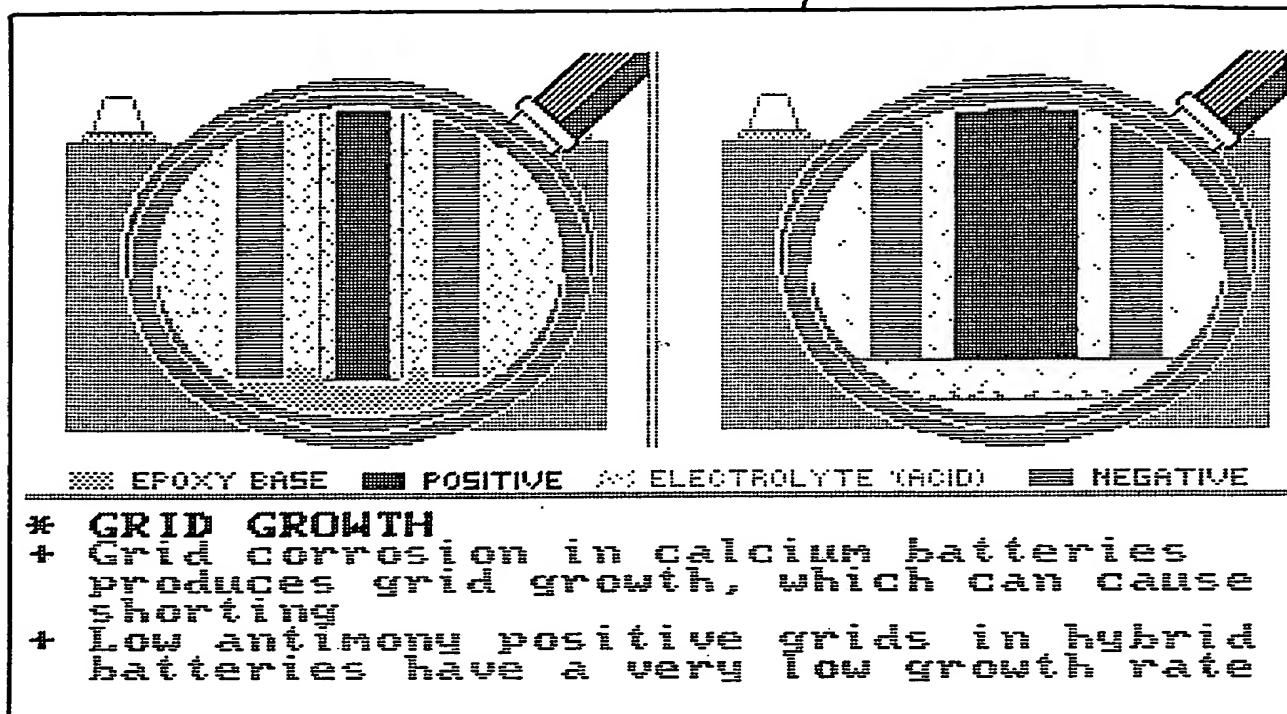


FIG. 83

8087

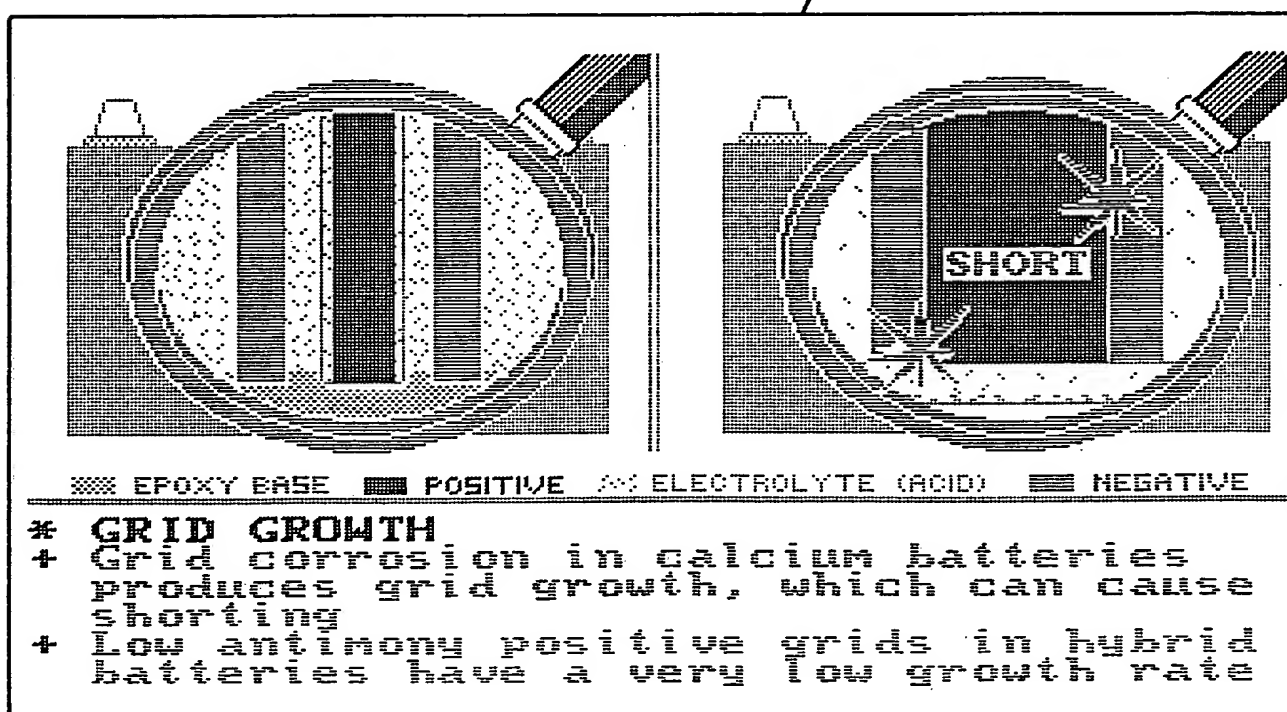


FIG. 84

806

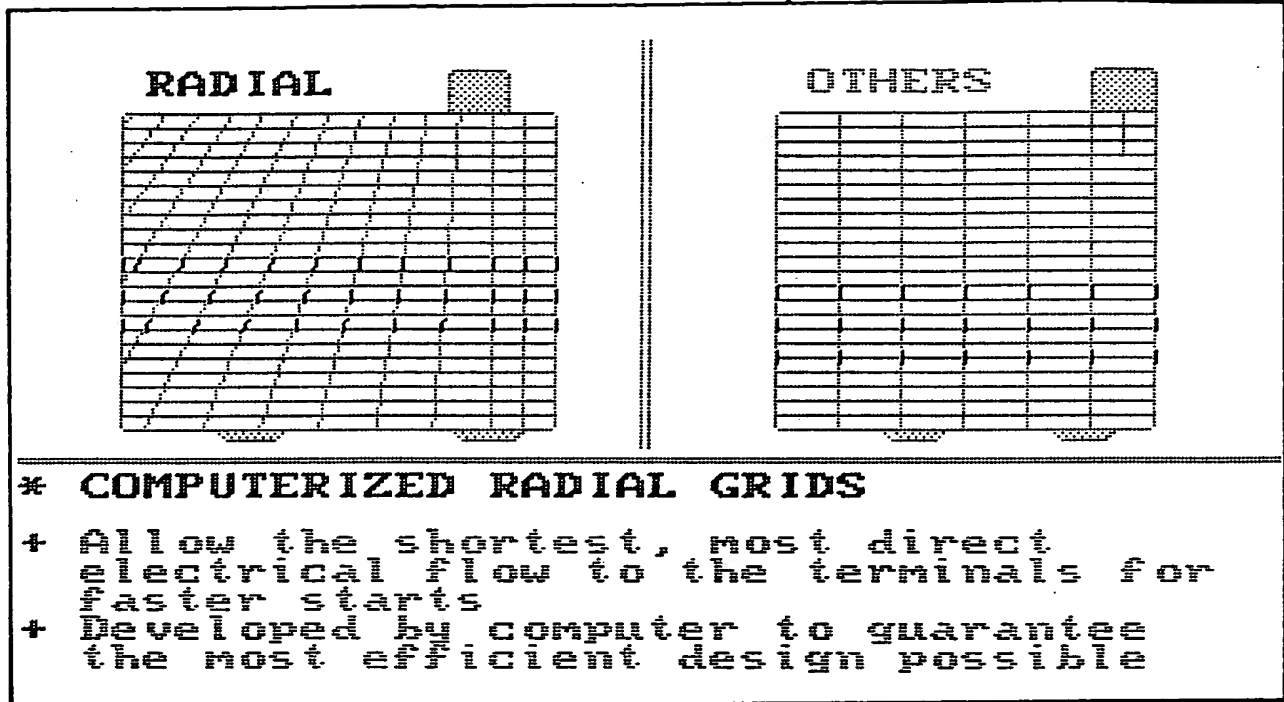
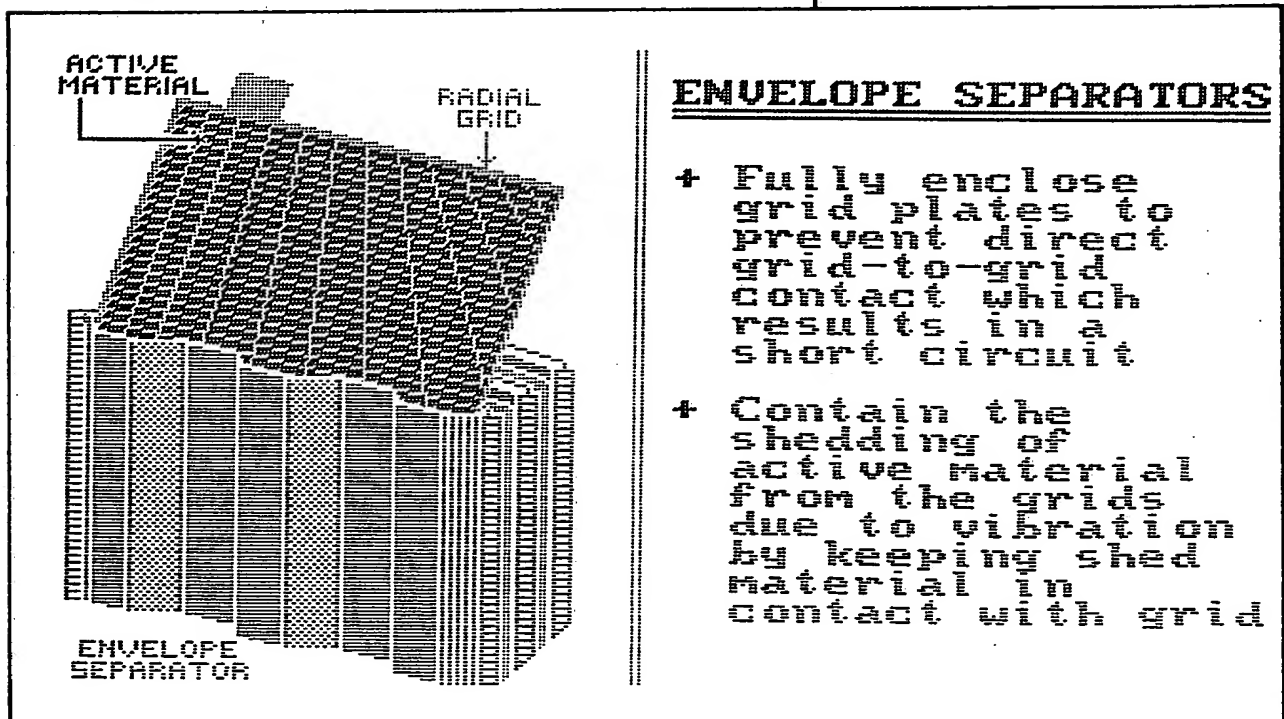


FIG. 85

804



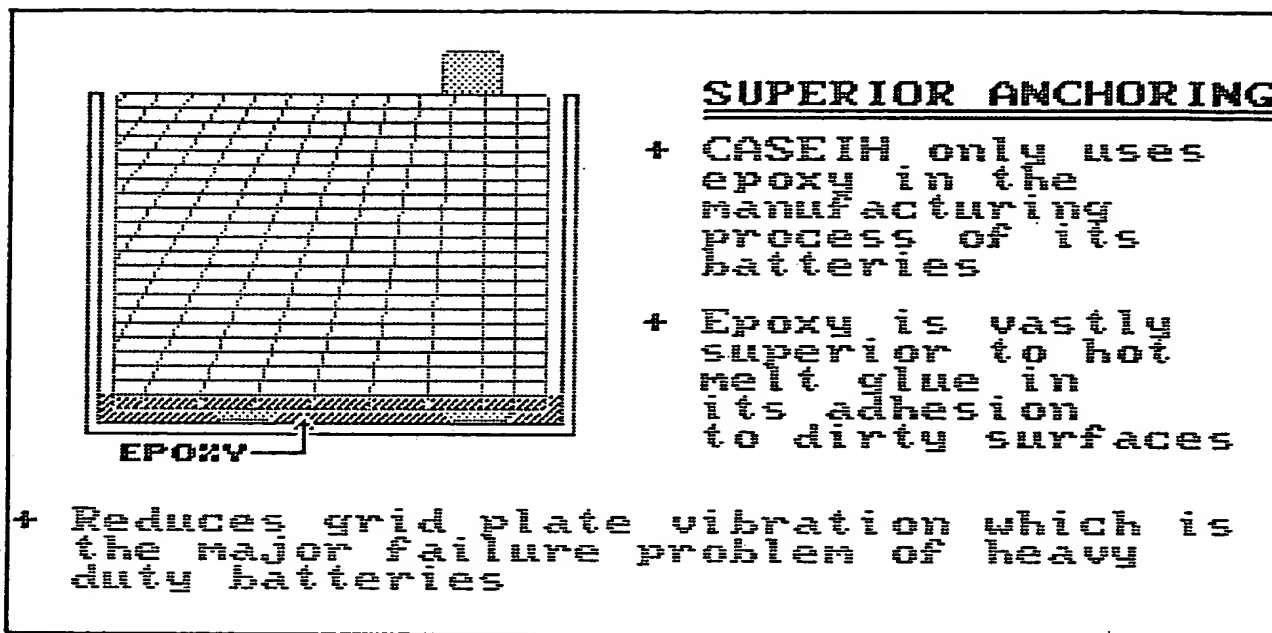


FIG. 86

818

FIG. 87

820

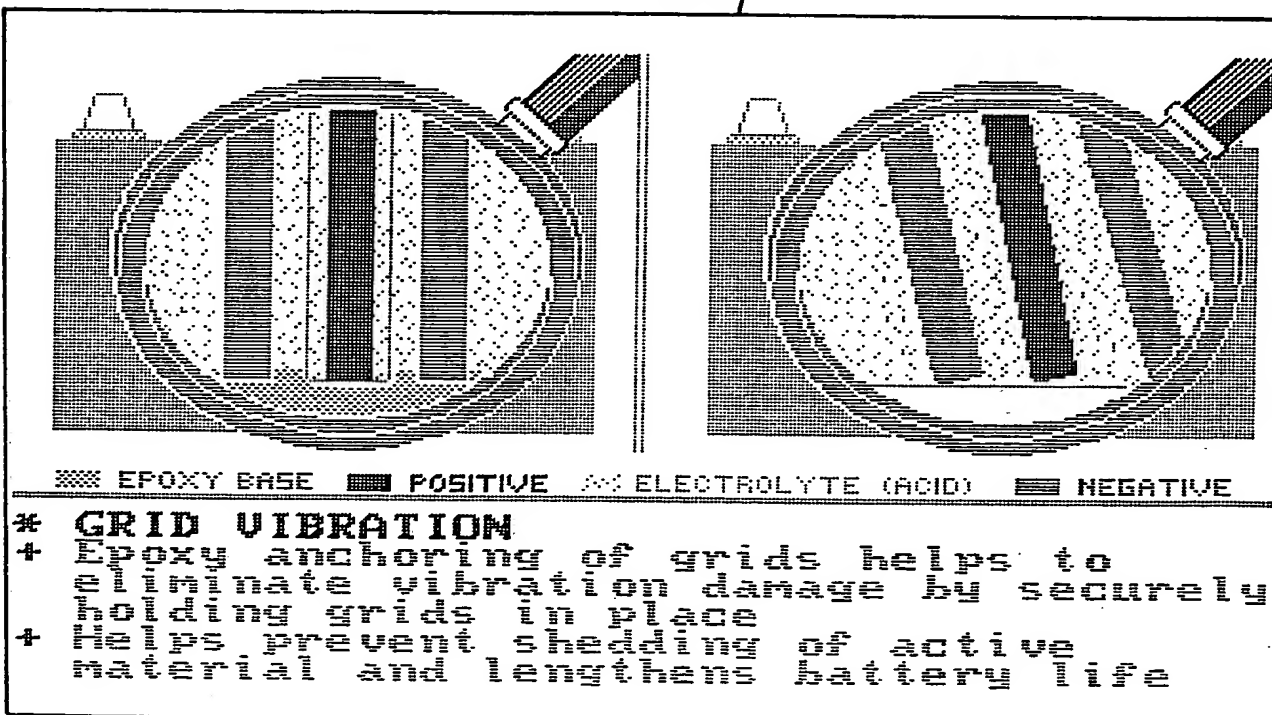


FIG. 88

822

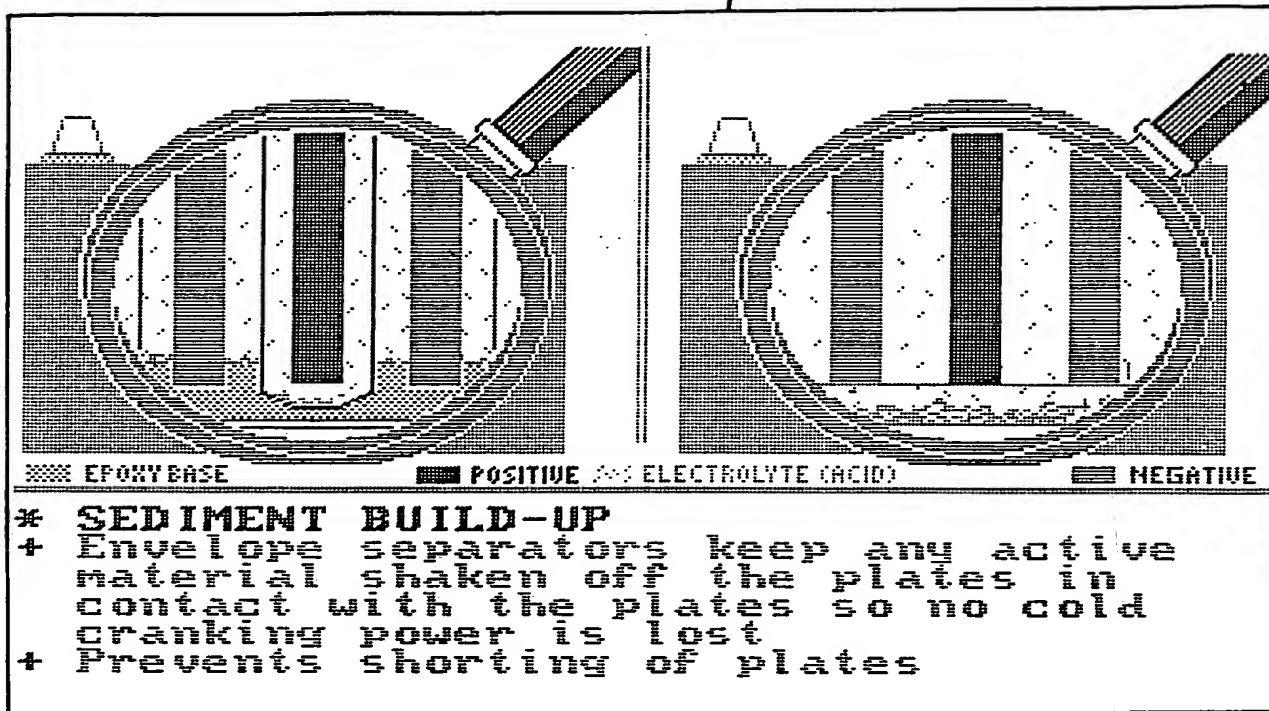


FIG. 89

824

